

DX LISTENING DIGEST 19-14, April 5, 2019
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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<http://www.worldofradio.com/dxldmid.html>
[also link to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1976 contents: Antarctica, Australia, Brasil, Colombia, Congo DR, Cuba/China, Germany, Iran, Japan and non, Korea North non, Madagascar, Mali, Myanmar, Netherlands, New Zealand, Nigeria, Poland, Sikkim, Solomon Islands, South Africa, Spain, Sudan, Suriname, Turkey, Ukraine, USA, Zambia; and the propagation outlook

WORLD OF RADIO PODCASTS:
Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.

<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

MORE PODCAST ALTERNATIVES, tnx to Keith Weston:
<https://blog.keithweston.com/2018/11/22/world-of-radio-podcast/>

feedburner:
<http://feeds.feedburner.com/GlennHauersWorldOfRadio>

NEW via tunein.com:
<http://bit.ly/tuneinwor>

itunes:
<https://itunes.apple.com/us/podcast/glenn-hauers-world-of-radio/id1123369861>

AND via Google Play Music:
<http://bit.ly/worldofradio>

OUR ONDEMAND AUDIO:
<http://www.worldofradio.com/audiomid.html>

or <http://wor.worldofradio.org>

DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues: <http://www.hard-core-dx.com/index.php?topic=Hauser>

IMPORTANT NOTICE!!!! WOR IO GROUP: Effective Feb 4, 2018, DXLD yg archive and members have been migrated to this group:

<https://groups.io/g/WOR>

[there was already an unrelated group at io named dxld!, so new name] From now on, the io group is primary, where all posts should go. One may apply for membership, subscribe via the above site.

DXLD yahooogroup: remains in existence, and members are free to COPY same info to it, as backup, but no posts should go to it only. They may want to change delivery settings to no e-mail, and/or no digest. The change was necessary due to increasing outages, long delays in posts appearing, and search failures at the yg.

Why wait for DXLD issues? A lot more info, not all of it appearing in DXLD later, is posted at our io group without delay.

Note: with some exceptions, this issue covers material from March 26 to April 5, altho not published until April 14, which was ASAP (gh)

** ALASKA. Caught the last part of Amanda Dawn Christie's experimental transmissions via HAARP, UT Wednesday March 27, after referring to the schedule at:

<https://www.ghostsintheairglow.space/transmissions>

which confusingly refers to this day as ``March 26+1``

At 0239 and still at 0240, 4500 to the east is S9+10 with CODAR QRM, SSTV; noting heard on 4400 to the west. This is contrary to her sked for Sexion VII at 0233-0239 which said 4500 would be ``NATO fonetik alfabet x 3``, and 4400 would be ``counting to one hundred``.

The same frequencies continue for Sexion VIII, at 0239:30-0245:30. Retune to 4400-AM at 0245 just in time to hear the fonetik letters; I think the last three were TAY, and off at 0245.5. Considerably weaker than 4500 as to be expected, which at 0246 has been restored to CODAR only.

0246, frequencies have changed for Section IX, ``Spy Cameras from the Sky, and a Mystery Box in the Woods``: 6900-AM to the east is S9+10/20 with somewhat muffled and lo-key YL narration, mostly unreadable with

possibly local device QRM, but I pick out a few bits, describing an object: ``On Sunday December 1``; ``who gave you the authority?``; ``RCMP``. Also some music in background. At 0254 it suddenly switches to SSTV, and then find it sounding the same as on S9 5100 to the west. Both stop before 0256*

0256.5, the only and final frequency is 3200, for Sexion IX, ``Not with a bang but with a WSPR``. This is the weakest, S5-S7 and is, as not specified, a CW message, which I am not recording and not up to speed to copy live, seeming repeated a few times until off at 0259:30*

There have been many other running reports of this from WOR iog contributors, which I have not digested before writing my report. I assume most or all will be posted audiovisually (Glenn Hauser, OK, DX LISTENING DIGEST)

NOTE!!!!!!! Certain long WOR iog threads such as this one I am not spending great gobs of time editing into DXLD publication style; all the more reason to be a member of the group (gh)

** ALASKA [non]. Studio recording programs for KNLS and MWV. Under the link you can see the recording studio in the operating center in Tennessee, where most of the programs are created, which are then sent to Alaska and Madagascar:
<https://www.knls.net/home/%D1%81%D1%82%D1%83%D0%B4%D0%B8%D1%8F/>
(Dmitry Kutuzov, Ryazan, Russia / ideneb-radio-dxî)
(via RusDX 31 March via DXLD) last part is simply STUDIYA in Russian; includes weights for physical fitness training (gh)

** ALBANIA. 9480, April 2 at 1956, something here cuts off at 1957* in absence of 9475 WTWW on 5830 instead, and would have been blocked by 9475 splash. It's only CRI French relay (Glenn Hauser, OK, DX LISTENING DIGEST) See also USA: WRMI

** ALGERIA [non]. 6050, Qur'an Radio Algeria, via France, 0358, on April 2. Choral National Anthem; time pips; several clear multi-language IDs, including English ("Qur'an Radio Algeria"); Islamic programming in Arabic; good reception (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

Very good signal of Telediffusion d'Algerie April 3
0500-0559 on 6125 ISS 500 kW / 194 deg to NWAf Arabic Holy Quran px*
0500-0559 on 9535 ISS 500 kW / 162 deg to CEAF Arabic Holy Quran px*
0600-0659 on 9620 ISS 500 kW / 194 deg to NWAf Arabic Holy Quran px

<https://swldxbulgaria.blogspot.com/2019/04/very-good-signal-of-telediffusion.html>
(Ivo Ivanov, SWLDXBulgaria News April 2-3, DX LISTENING DIGEST) * ???

9655: See GUINEA [and non]

** ANGOLA. 4949.732, April 1 at 0132, JBA carrier, presumed RNA on signature off-frequency - checked just as I am mentioning on 9395 during WOR that Ron Howard had found them missing. Also an even weaker carrier close to 4950.0, likely AIR Srinagar, Kashmir --- neither in HFCC but in Aoki/NDXC (Glenn Hauser, OK, DX LISTENING DIGEST)

4949.75, Radio Nacional de Angola, Mulenvos, 1958-2020, 01-04 on air with weak but clear signal now. Portuguese songs and comments. ID "Radio Nacional" (Manuel MÈndez, Lugo, Spain, Log in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

At 2300 UT on April 1, R Nac Angola music program on remote units in Doha Qatar and HOL GER HNG, 4949.735 kHz exact fq (Wolfgang Bueschel, dxldyg via DXLD)

** ANGOLA [and non]. [continued from SOUTH AFRICA]

Hi again Kai, Brief history of Vorgan:

1979 (?or earlier?): Starts broadcasting from South Africa (I assume Meyerton). Used 4950 and then 4975/4973.

1986: While regular transmissions continued from Meyerton on 4973, there was a separate series of test transmissions in July 1986, possibly from within Angola.

During the late 1980s transmissions seem to have been active from both Meyerton and Angola.

1990: The Meyerton transmissions on 4975 ended. Transmissions from within Angola continued. Various frequencies were used in the 60, 49, 41, 31 and 25 metre bands. 7090 and 7100 were among the favourites.

April 1998: Vorgan closed. See
<http://news.bbc.co.uk/1/hi/world/monitoring/73024.stm>
(Chris Greenway, WOR iog via DXLD)

** ANTARCTICA. 15476, LRA36, Radio Nacional Arc·ngel San Gabriel, Base Esperanza, *1300-1505*, 26-03. Here in Lugo carrier detected on 15476.0, but no audio due to the weak signal, except at 1500, signal improve and some songs detected with extremely weak audio. Via SDR Kiwi remote receivers in Pardinho, Sao Paulo and Paraguay, 15475.97, clear signal, songs, comments by women, Spanish with Argentinian accent, IF at 1357: "Pueden escribiarnos a Radio Nacional Arc·ngel San Gabriel, nuestra direcciûn de correo electrûnico lra36@hotmail.com, vamos a escuchar una canciûn", songs, at 1403 "Continuamos con el

programa Compartiendo Esperanza". Non stop songs. close at 1505.
Yesterday, 25-03 out of air (Manuel MÈndez, Lugo, Spain, Log in Lugo,
Friol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via
WORLD OF RADIO 1976, DXLD)

Thanks, Manuel, always Tuesdays on air in 2018 and now also in 2019,
some maintenance DAY there? Nothing heard here at 1614 UT today,
(SDR's in Europe, EaUSA, Russia, nothing visible) 73 wb (Wolfgang
Bueschel, Tue Mar 26, dxldyg via DXLD)

15476, LRA36, Radio Nacional Arc·ngel San Gabriel, Base Esperanza,
*1425-1500, 02-04, open with song, ID and anthem, more ID, iTransmite
LRA 36, Radio Nacional Arc·ngel San Gabriel, en la frecuencia de 15476
kHz..., pueden comunicarse con nosotros, apartado,
lra36@hotmail.comî, Spanish, females, comments. Extremely weak and
strong fading but audible on USB. At 1500 eclipsed by China on 15475.
LRA 36 seems to be on air since its reactivation this year only
Tuesdays and Thursdays (Manuel MÈndez, Lugo, Spain, Heard in Friol,
Tecsun S-8800, cable antenna, 8 meters, WOR iog via WORLD OF RADIO
1976, via DXLD)

At 1530 UT I hear / see only IBB Biblis Germany, Farda service til 16
UT on 15475 kHz in A-19. 73 wb (Wolfgang Bueschel, ibid.)

Hello, Copy with Kiwisdr in Argentina at 1620. It seem that the
modulation is H3E. (Nico (JN18fr near Paris / France), ibid.)

Even on air now, at 1643, without interference now (Manuel MÈndez,
Lugo, Spain, ibid.)

Germany transmitters are A19 registered on 15475 from 15 to 18! (gh,
DXLD)

LRA 36 even on air now, 1830 UT April 2. Today a very large program.
Non stop songs (Manuel MÈndez, Lugo, Spain, WORLD OF RADIO 1976,
ibid.)

Measured here in central Europe a tiny S=3 or -113dBm signal on
15475.972 kHz at 1810 UT. But same figures on KiwiSDR in Rio de
Janeiro, Atlantic Ocean island unit access via URL
<http://pyleme.homeip.net:8073/>
set to AM Narrow, and AGC off, Manual Gain set to 108dB (Wolfgang
Bueschel, ibid.)

Following up on Manuelís earlier 1830 observation (2 April), LRA-36
tuned from KiwiSDR in Pardinho Brazil at 1953 with non-stop
Argentinian vocals. SINPO 35323 with noise and deep fades but often
peaking S3 to S4. After 2040 appeared to start a fade out but in again

around 2052 until sudden carrier off in mid-song (iDe Mi Esperanzaî by Jorge Carfune) at 2059. So back on usual 2100* schedule but with a test today? No announcements were heard. After 2025 all but two songs were by the artist La Chaqueno Palavecino, also known as Oscar Esperanza Palavecino, a noted Argentinian folklore singer and song writer (Bruce Churchill, CA, WOR iog via WORLD OF RADIO 1976, DXLD)

[final version:] 15476, LRA36, Radio Nacional Arc-ngel San Gabriel, Base Esperanza, *1425-1950, 02-04, open with song, ID and anthem, more ID iTransmite LRA36, Radio Nacional Arc-ngel San Gabriel, en la frecuencia de 15476 kHz..., pueden comunicarse con nosotros, apartado ..., lra36@hotmail.comî, Spanish, females, comment about Malvinas (Falkland) war. Extremely weak, audible on USB. At 1500 eclipsed by China on 15475, or other station with Chinese program. Later no interference and a long program of non stop songs, especially Latin American and Argentinian songs. Extended program today, usually no more than two hours program this year and last year. LRA36 seems to be on air since its reactivation this year only Tuesdays and Thursdays. (Manuel MÈndez, Lugo, Spain, Logs Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via WORLD OF RADIO 1976, DXLD)

** ARGENTINA [non]. 9395, March 26 at 2145, RAE Italian via WRMI is rather in Spanish for a dramatic reading with dramatic music of something by Borges about the tango; no translation necessary, apparently. 2152 back into real Italian for headlines also with annoying music, 2153 ciao! And WRMI 9395 ID, Oldies music fill at S8-S5, 2159 VOA ``news`` not quite on the hour --- so must have been recorded at least an hour ago (Glenn Hauser, OK, DX LISTENING DIGEST) See also USA: WRMI

** ARMENIA. Reception of Trans World Radio India via CJSC Yerevan, March 30/31
1500-1600 7550 ERV 300 kW / 100 deg Hin/Eng Sat/Sun, very good signal
1315-1445 9330 ERV 300 kW / 100 deg various Mon-Fri, instead of 9300!
1500-1600 9330 ERV 300 kW / 100 deg Hin/Eng Sat/Sun, instead of 9300!

<https://swldxbulgaria.blogspot.com/2019/04/reception-of-trans-world-radio-india.html>

(Ivo Ivanov, SWLDBulgaria News March 30-April 1, DX LISTENING DIGEST)

BUT TODAY APRIL 2nd moved to registration channel 9300 kHz, heard at 1340 UT in Moscow and central Europe S=9+15 --- +20dB. similar TWR India on 9910 kHz also from Armenia. 73 wb (Wolfgang Bueschel, DXLD)

Powerful signal on 9300 kHz at 1415 UT, April 2 (Ivo Ivanov, Bulgaria, ibid.) See also INDIA [non]

** ARMENIA. It is planned to air a DRM Test tonite from Armenia on 7595 kHz at 1700-1800 UT (Christian Milling - Shortwave Service - on WRTH - World Radio TV Handbook Facebook 3-April via Alan Pennington, bdx-news iog via DXLD)

** ASCENSION. Managing SW Broadcasts From Ascension Island
Radio World

Now managed and operated by Encompass Digital Media on behalf of the BBC World Service, the stations' six powerful shortwave transmitters on Ascension ...

<https://www.radioworld.com/columns-and-views/managing-sw-broadcasts-from-ascension-island>
(via Artie Bigley, DXLD)

A good article on current operations at the Ascension relay station:
<https://www.radioworld.com/columns-and-views/managing-sw-broadcasts-from-ascension-island>

It confirms that there are six active transmitters: two of the 1966 Marconis (originally there were four) and four RIZs (installed in 2009 says <https://www.swcountry.be/g.html>).

This means that the two Marconis moved to Ascension from Daventry in 1988 are no longer active.

And as today is the 37th anniversary of the start of the South Atlantic Conflict, here's my look (from 2017) of what was going on at Ascension in 1982: "The Requisitioning of Sender 302"
<https://radioatlanticodelsur.blogspot.com/2017/12/the-requisitioning-of-sender-302.html>
(Chris Greenway, WOR iog via DXLD)

** ASIA [non]. USA {non} RFA Broadcast Frequency Schedules in A-19 season --- Effective March 31, 2019 through Oct 27, 2019
[with transmitter sites added by wb]

TIN = Tinian relay MRA, probably still under repair, wb.

Burmese

1230-1330 UT 7530TJK 11805TIN 13630UAE
1330-1430 UT 7530TJK 11805TIN

Cantonese

1400-1500 UT 13575SAI

Khmer

1230-1330 UT 9700TJK

Korean

1000-1100 UT 1566JEU
 1500-1700 UT 1188SEO 9850SAI 9990TJK 11985SAI
 1700-1900 UT 1188SEO 9990SAI 11985SAI
 2100-2200 UT 9540TJK 11945SAI

Lao

0000-0100 UT 9940KWT

Mandarin

0300-0400 UT 11570TJK 11895KWT 11985KWT 17690SAI
 0400-0500 UT 11895KWT 13750KWT 17690SAI 21505TIN
 0500-0600 UT 11895KWT 17690KWT 21690KWT
 0600-0700 UT 11895KWT 13790SAI 17690KWT 17810TIN
 1500-1600 UT 9940KWT 13810TJK 15475BIB
 1600-1700 UT 7370TJK 11610TIN 13570KWT 13810TJK
 1700-1800 UT 9355KWT 9965BIB
 1800-1900 UT 9355KWT 9965BIB 11745KWT
 1900-2000 UT 1098TAI 9355SAI 9720KWT
 2000-2100 UT 1098TAI 6080TJK 9355SAI 9535KWT
 2100-2200 UT 1098TAI 7435KWT 9685KWT
 2300-2400 UT 9535KWT 9720KWT 15555SAI

Tibetan

0100-0200 UT 9370TJK 9390TJK 9510KWT 11705KWT 13765TJK
 0200-0300 UT 9370TJK 11705KWT 11745KWT 13765TJK
 11820KWT Mon Wed Fri
 11895KWT Tue Thur
 11925KWT Sat Sun
 0600-0700 UT 15720TJK 17670BIB 21690UAE
 17635KWT Mon Wed Fri
 17750KWT Tue Thu Sat Sun
 1000-1100 UT 13800KWT 15330LAM
 21475TIN Sun
 21465TIN Mon
 21455TIN Tue
 21520TIN Wed
 21565TIN Thur
 21540TIN Fri
 21505TIN Sat
 1100-1200 UT 13835TJK 15265BIB 15470TJK 17640LAM
 1200-1300 UT 11540KWT 13835TJK 15470TJK 17690TJK 17720LAM
 1300-1400 UT 11540KWT 13835TJK 15275TJK 15470TJK 17860LAM
 1500-1600 UT 9355TJK 12110LAM
 13720TIN Sun Tue Thu Sat
 13790TIN Mon Wed Fri
 2200-2300 UT 7505TJK 9370KWT

7460KWT Mon
7470KWT Tue
7520KWT Wed
9655KWT Thu
7465KWT Fri
9920KWT Sat
7520KWT Sun
2300-2400 UT 5965KWT 9555UAE 9875TJK

Uyghur

0100-0200 UT 9350TJK 9445BIB 9780KWT 11640KWT 11790KWT
1600-1700 UT 9355TJK 9480KWT 11675BIB 15700LAM
(via Rich D'Angelo-USA, NASWA iog via dxld March 27; transformed via
wwdxc by wb on April 2, dxldyg via DXLD)

15-17 on 9990 DB RFA in Lao & Uighur, instead of Korean. Videos will
be added later today. A-19 RFA is via one tx in Tinian & two txs via
Saipan (Ivo Ivanov, Bulgaria, ibid.) See also NORTHERN MARIANA
ISLANDS

** AUSTRALIA. Sad News --- Member CRAIG ALLEN, founder and operator of
Ozy Radio has passed away. Few details known, but we have had this
confirmed by his family, following on from a posting on the WRTH
Facebook page by Tim Gaynor.

Craig's funeral is being held on Thursday 11th April at 10am at The
North Chapel at Pinegrove Memorial Park, Kington Street Minchinbury. A
gathering afterwards to celebrate Craig's life will be held at the
Nepean Rowing Club, Bruce Neale Drive, Penrith.

A pioneer of low-powered broadcasting in Australia, Craig held HF
licenses for a number of years before commencing broadcasting on 90
and 60 metres, with an eclectic mix of Australian music.

His initiatives have helped placed Australia firmly on the map as a DX
target for hobbyists worldwide, and also assisted promotion of the
ARDXC. Certainly a loss, at a very young age.

The club is sending flowers, and extends its condolences to Craig's
family (April ARDXC Australian DX News via WORLD OF RADIO 1976, DXLD)
obit

** AUSTRALIA. We have a new exciting twist to our broadcast. Dx
Programme on Air! ARDXC via Unique Radio

5045. 1000-1015 UT (9pm Sydney, 8pm QLD time). Monday nights only
starting Monday 1st April, 8th, 15th, 22nd, 29th April. Now we are on
USB Upper sideband. The interference from OHR and 5050 Chinese, Tim is

trying to escape this interference. So now upper sideband. Special QSL cards are still the koala cards for reception reports to my address as below. 71 Hilton Ave, Roselands 2196 NSW (John Wright, April ARDXC Australian DX News via WORLD OF RADIO 1976, DXLD)

Unique Radio will be using USB on 5045 KHz from April 1 From April 1st 5045 KHz (Monday) on 5045 KHz USB to cover additional outback radios who use USB only

For latest schedule See
<https://www.uniqueradio.biz/>

- * We are currently waiting for approval to use a new night frequency from ACMA, for use after hours from 21:30 EADT or 1030 UTC
- * Times will adjust to EAST but UTC will remain the same
- * New podcast site is:
<https://soundcloud.com/user-479964206>
(Tim Gaynor, via gh, DXLD)

Months ago when starting up, Tim mentioned plans to use 2368.5 (gh)

** AUSTRALIA [non]. Unique Radio is using DRM via WINB Red Lion PN USA on 15120 KHz, 1400-1500 UT Wednesdays, Thursdays and Fridays. Please address all reception reports with detail to Tim: nri3@yahoo.com.au Enjoy (Tim Gaynor, April 1, WOR iog via WORLD OF RADIO 1976, DXLD)

15120-15125, Thu April 4 at 1403, I can tell WINB hybrid DRM is on, but VP S4 about = noise level. This must be the new Unique Radio transmission at 14-15 Wed/Thu/Fri. Tim doesn't say what the program is --- his own 'Sounds of Your Life'??

BTW, NIGERIA could also be DRMING circa 15119.9 as early as 1600 in Arabic, as reported by Ivo Ivanov; while WINB is scheduled until 1700 M-F, so a head-on collision is possible. I wonder what will happen then? (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** AUSTRALIA. 5055, Radio 4KZ (N. QLD.) at 1200. Rock tunes, including The Doors/Light My Fire - Fair Mar 28 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000), RS SW-2000629, with various outdoor wires; ATS-909X and 9' garden stake antenna. 73 and Good Listening...! -rb, WOR iog via DXLD)

5055, Radio 4KZ, on March 30, at 1211. Segment of pop songs (The Mindbenders with "A Groovy Kind Of Love," Seal with "Kiss From A Rose," etc.); some commercial announcements that were close to being readable; some OTH radar; noted the current cut off time of 1302*; QRN (static) (Ron Howard, Ocean Beach [San Francisco], CA, CR-1, antenna: 100' long wire, WOR iog via DXLD)

** AUSTRALIA. 9610, April 4 at 1325, S8-S9 in S Asian language saying ``@twr.in`` so it must be TWR-India, via?? NO, scheduled is Reach Beyond Australia on 9610 in Hindi until 1330 Thursdays. Could RBA be secretly carrying TWR programming, or did I mishear? A bit more S Asian talk and music follows (Glenn Hauser, OK, DX LISTENING DIGEST)

REACH BEYOND AUSTRALIA - A19 SCHEDULE RELEASE

<https://medxr.blogspot.com/2019/03/reach-beyond-australia-a19-schedule.html>
(via Artie Bigley, DXLD)

Incredibly complex as to languages, times, days of week, frequencies.
Why don't they rationalise it? (gh, DXLD)

** AUSTRALIA. AM to FM Conversions:

2EC, Bega NSW 765 khz to 94.5 FM /

2GN, Goulburn NSW 1368 khz to 107.7 /

2XL, Cooma NSW 918 khz to 96.1.

Still in proposal stage but expected to happen during 2019. - via
Mediaspy - (via Geoff Wolfe, Australia, DXLD)

** AUSTRALIA. ABC regional coverage bolstered in federal budget
The Australian-4 hours ago

The ABC has received a pre-election budget reprieve after the Morrison government committed \$43.7 million to help fund the broadcaster's rural and regional ...

<https://www.theaustralian.com.au/nation/politics/abc-regional-coverage-bolstered-in-federal-budget/news-story/5c3998c28f7463d7814fc26344177c41>
(via Artie Bigley, OH, DXLD)

** AUSTRALIA. Labor Will Bring Back Short-Wave to the NT
Tuesday 26 March, 2019

The Shadow Minister for Financial Services, Clare O'Neil, has told ABC Radio Darwin that a Shorten Government will bring short-wave radio back to the Northern Territory, after it was disbanded by the ABC in 2017, saying restoring the service is actually crucially important for safety in the Territory.

iMalarndirri (McCarthy) spoke earlier today about a gentleman who was out fishing, and he didn't know about the cyclone because he didn't have access to short wave radio. We know there are long haul trucks travelling around the Territory, and short-wave radio is crucial for them to understand what's going on around them. So that's why a Shorten Labor Government will bring this back.î

Asked if that meant that Labor would fund the million dollars or so to meet the expense, the Shadow Minister said iThatís correctî though she was unable to commit to any further expansion of the short-wave service outside of the NT (radioinfo.com.au via April ARDXC Australian DX News via DXLD)

** BANGLADESH. Bangladesh Betar --- In English at 1840 UT on 4750 kHz (SINPO 23222), no signal on 13580 kHz (Nico (near Paris / France, NRD525 aperiodic dipole), March 26, WOR iog via DXLD)

Fair signal of Bangladesh Betar Ext. Sce in 60mb Mar 28

1230-1300	on	4750	SHV	100	kW	/	non-dir	to	SoAs	English,	x	15105	DKA
1315-1345	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Nepali,	ex	9455	DKA
1400-1430	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Urdu,	ex	15505	DKA
1515-1545	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Hindi,	ex	15505	DKA
1600-1630	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Arabic,	ex	7250	DKA
1630-1730	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Bangla,	ex	7250	DKA
1745-1900	on	4750	SHV	100	kW	/	non-dir	to	SoAs	English,	x	13580	DKA
1915-2000	on	4750	SHV	100	kW	/	non-dir	to	SoAs	Bangla,	ex	13580	DKA

<https://swldxbulgaria.blogspot.com/2019/03/fair-signal-of-bangladesh-betar-extsce.html>

(Ivo Ivanov, SWLDBulgaria News March 26-29, DX LISTENING DIGEST)

4750, BANGLADESH Betar at 1358 UT March 30, Interval Signal, 4 plus 1 time pips to sign on in Bengali. Weak. Also noted on March 31 at 1335 in Bengali. Off at 1345 then on with test tone at 1345 to Interval Signal at 1357:12 then 4 plus 1 time pips and sign on. Weak (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

If it's following the external service sked which had been on other frequencies, 1315-1345 would be Nepali, and 1400+ in Urdu (gh, DXLD)

4750, Bangladesh Betar, on April 3, still carrying only the External Service, preempting the usual Home Service; 1227, test tone off and start of IS; at 1230, started broadcasting in English, but with strong CNR1 QRM (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

4750, 1710-1715 3.4, Bangladesh Betar, Shavar. New Foreign Sce. fq to South Asia. Bengali talk, local music, 45333. Also heard 29.3 1910-1925 music, 1911 timesignal, Bengali ID mentioning Bangladesh twice, talk and flute, 45333, Best 73, (Anker Petersen, Denmark, what I heard recently in Skovlunde on the AOR AR7030PLUS with 28 metres of longwire, wbradio yg via DXLD)

** BHUTAN. 6035, BBS, on April 2, noted cut off at 1126*

6035, BBS, 1114-1120*, on April 5. Pop songs till transmitter off. The good news is that the recent jamming spur heard here from 6045, has ended, as National Unity Radio has moved away from 6045, taking the N. Korea jamming with them (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** BOUGAINVILLE [non-log]. 3325, NBC Bougainville (Maus Blong Sankamap), April 5, noted not on the air 1016+ (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** BOUVET. Bouvet Island DXpedition News

Excerpts from a very long press release dated March 26th: the 3Y0I team was just 70 nautical miles off Bouvet Island, and the ship was "hit by a series of 11+ meters (36+ ft) tall waves + wind exceeding 83 knots/h (approx. 160 km/h).

The fierce oceanic forces swept past the upper deck, taking one of the radars, including VSAT, VHF and HF marine antennas, off the mast and throwing them all overboard. The hit was so hard the vessel tilted as much as 45°." On March 27th, it was reported that all team members and crew were safe, but "with lack of the most important navigational tools, the captain declared it was not safe to navigate and they needed to go back to Cape Town to secure both all participants on the board, their equipment and the vessel's gear."

Also, from press release, the 3Y0I team stated that the "3Y0I Expedition is NOT cancelled ñ we don't give up that easily".... The "3Y0I's events will be long discussed and analysed by the Team to 'attack' the island one more time ñ as soon as possible ñ again all marked with 'safety-first' principles." To read the complete Press Release #4 written by Stan, SP8S, the 3Y0I Press officer, see: <https://bouvetoya.org/3yoi-postponed> (Southgate ARC via April ARDXC Australian DX News via DXLD)

** BRAZIL. 4775, Radio Congonhas, Congonhas MG, PP, 01/04 2053. Brazilian song, the announcer communicated that the station at this moment is transmitting the signal and the program from their 91.3 MHz FM station, advs. 45554 (Rudolf Grimm PY2-81502 SWL, S,,o Bernardo SP, BRAZIL, HCDX via DXLD) WTFK, exactly? (gh)

4775, Radio Congonhas, Congonhas, 0355-0445, 02-04, after various months without heard it, now on air. Brazilian songs, pop songs in English, at 0414: "Uma e quatorze", at 0424: "Radio Congonhas AM...", iRadio Congonhas a emissora do Bom Jesus! Weak. 15311 (Manuel MÈndez, Lugo, Spain, Logs Friol, Tecsun S-8800, cable antenna, 8 meters, WOR

iog via DXLD)

** BRAZIL [and non]. Two UNID at 2332 UT like
Port 4774.903 BRA
and
Span 4774.976 PRU
(Wolfgang Bueschel, April 1, dxldyg via DXLD)

So exact frequency in my next item points to Peru, not Brasil, altho
the all-night scheduling had indicated Brasil (gh) See unID 4774.975

4774.976, April 3 at 0624, weak music vs CODAR. Following my previous
report whether it's Brasil, Per' or Swaziland, Manuel MÈndez, Spain,
IDed R·dio Congonhas [NOT ``Radio Sora``]:

``Manuel MÈndez, Lugo, Spain, Log in Friol, Tecsun S-8800, cable
antenna, 8 meters: BRAZIL, 4775, Radio Congonhas, Congonhas, 0355-
0445, 02-04, after various months without heard it, now on air.
Brazilian songs, pop songs in English, at 0414: "Uma e quatorze", at
0424: "Radio Congonhas AM...", iRadio Congonhas a emissora do Bom
Jesusî. Weak. 15311`` (Glenn Hauser, OK, WORLD OF RADIO 1976, DX
LISTENING DIGEST)

** BRAZIL. 5939.691, Radio Voz Missionary, PortBras pastor pray, S=5-6
0524 UT
\\
9664.531, Radio Voz Missionary, PortBras pastor pray, S=6 0544 UT via
remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via
DXLD)

** BRAZIL. 9630.47 approx., April 3 at 0556, R. Aparecida reactivated
on split frequency as het way underneath RNZI which landed here for A
-19 in the 05-07 span. See NEW ZEALAND.

Other unblocked ZY frequencies as measured:

9664.626, April 3 at 0559, Voz Mission·ria the outstanding ZY signal
tonight, S9-S7, TC for 3 am at 0600.

9818.762, April 3 at 0603, R. Nove de Julho, JBA, presumably still 24h
relay of R. Aparecida.

11815.028, April 3 at 0606, JBA music presumed R. Brasil Central.

11856v, NO signal from R. Aparecida here.

6134.823, April 3 at 0617, R. Aparecida with song/hymn vs stray Cuban

pulse jamming, S7; 0620 flagship program ID ``Com a M,,e Aparecida``.

This measurement contradicts Anker Petersen who has been reporting it as 6134.84, apparently needing receiver recalibration. (This is not splitting hairs, as precise off-frequency measurements are a great aid to identification, but they need to be accurate.)

Also regarding R. Aparecida, C  lio Romais in Porto Alegre told me March 26 that he is still doing a DX report, now only for 'Encontro DX' on this station, Saturdays at 2200 UT; example:

<https://youtu.be/tsuvaslJ0UA>

Does not specify frequencies, but has been on irregular variables: 5035, 6135, 9630, 11855 and via 9 Julho 9820 (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

[Re gh not hearing R. Aparecida circa 0600 April 3:] Now on, on 11855.688 with decent signal in Central Poland. Best Regards, (Wojtek Zaremba, 2048 UT April 3, Hard-Core-DX mailing list via DXLD)

11855.693, April 4 at 0535 JBA carrier, no doubt an apparition from Aparecida back on air this overnight, and the OSOB except for weak 11520 WEWNglish (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 01., Glenn! Venho informar que continuo firme como ouvinte de ondas curtas. Tamb  m como colaborador de programa que fala sobre o dexismo. Com a sa  da da R  dio Transmundial das ondas curtas, tenho colaborado somente com o programa Encontro DX, da R  dio Aparecida. O programa vai ao ar todos os s  bados,   s 2200, no Tempo Universal, pelas frequ  ncias da emissora paulista. Minhas participa  es t  m sido bem atuais. Veja a minha   ltima colabora  o aqui:

<https://youtu.be/tsuvaslJ0UA>

73s! (C  lio Romais, Porto Alegre, Brasil, March 26, DX LISTENING DIGEST)

C  lio, "timo e parab  ns! (Guilherme Glenn, via DXLD 19-13)

WTFK? It seems the WRTH 2019 has expunged all Aparecida frequencies, a bit prematurely. Had been V: 5035, 6135, 9630, 11855, and also via 9 de Julho on 9820v; some or all of them sporadic (gh, WORLD OF RADIO 1976, DXLD)

6134.86, 0405-0410 24.3, R Aparecida, Aparecida, SP, Portuguese ann, Brazilian songs, 25232 (Anker Petersen, Denmark, my latest loggings from Skovlunde on the AOR AR7030PLUS with 28 metres of longwire, wbradio yg via DXLD) RSC Bolivia apparently inactive on almost same offset, or off earlier (gh, DXLD)

** BRAZIL. 9925 kHz, R  dio Teste (800 KM MG Brasil) M  sica

internacional 2220 UT 02 Abril 2019

<https://youtu.be/CfUpPCqKeok>

RX: Yaesu FRG 8800 Antena: DS SWL DL 42 Metros Dipolo Assimétrica + Balun + 15 Metros Coaxial (Daniel Wyllians, Nova Xavantina MT, Brasil, Hard-Core-DX mailing list via DXLD) Only pirate he reports lately (gh)

** BRAZIL. 11780, RNA. 0150+ 24 March. Always a treat to catch RNA in the late afternoons in Encinitas -- today they were rolling with bossanova & the usual zippy DJ (Dan Sheedy, Encinitas, CA, Eton/Grundig "Executive Satellit"/6m X wire, DX LISTENING DIGEST)

** BULGARIA. UTILITY, Good signal of Varna Meteo, April 3
0710&0718 on 3740 USB mode Bulgarian/English

<https://swldxbulgaria.blogspot.com/2019/04/good-signal-of-varna-meteo-april-3.html>
(Ivo Ivanov, SWLDBulgaria News April 2-3, DX LISTENING DIGEST)

UTILITY, Reception of LZW Varna Radio on April 4:
0708&0724 on 3740 USB mode English/Bulgarian, good

<https://swldxbulgaria.blogspot.com/2019/04/reception-of-lzw-varna-radio-on-april-4.html>
(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

** BULGARIA [and non]. Re: [WOR] Shortwave Radiogram, 29-31 March 2019

".....Hello friends, Slow Scan Radio has been transmitting two streams of text simultaneously. We have tried this a few times on VOA/Shortwave Radiogram, and will try it again this weekend. Near the end the half hour will be a simultaneous transmission of a news item from swissinfo.ch in two languages, both in MFSK32, with the English version centered on 1500 Hz and the Spanish version centered on 2200 Hz. Why 2200Hz? The "primary" MFSK32 occupies audio spectrum approximately from 1250 to 1750 Hz. This sometimes results in an audio harmonic from 2500 to 3500 Hz. MFSK32 at a 2200 Hz center frequency occupies 1950 to 2450 Hz, placing it above the primary MFSK32 but below the harmonic....." [Kim Andrew Elliott, KD9XB]

SWRG#93 - Easily to detect: The increased noise level caused by higher-order intermodulation products [the double track test]

"...one more track..." = stronger intermodulation

====>

https://www.dropbox.com/s/3ywm7d9xjqkx77/2019-03-29_SWRG93_7780kHz.png?dl=0
(roger thauer. WOR iog via DXLD)

** BURUNDI [and non]. Burundi suspends BBC in fresh media clampdown

Statement on Government of Burundi's Extension of Suspension of ...
Inside VOA (VOA Public Relations) (press release) (blog)-19 hours ago

VOA content will continue to be available in Kirundi and Kinyarwanda via shortwavechannels, on the Internet and on FM transmitters located in neighboring ...

<https://www.insidevoa.com/a/statement-government-burundi-extension-suspension-voa-programming/4854248.html>

(via Artie Bigley, March 30, DXLD)

WTFK?!?!?! shortwavechannels not worth specifying even now (gh, DXLD)

Burundi suspends BBC in fresh media clampdown

<http://www.pmlldaily.com/news/2019/03/burundi-suspends-bbc-in-fresh-media-clampdown.html>

(via Artie Bigley, March 30, DXLD)

** CAMBODIA. 918-RNK (Cambodia)-- New Signoff Routine

Gary DeBock, Apr 3, #207

The sign off routine for 918-RNK has been changed from the pattern used last November, with different music preceding the sign off, and a different musical rendition of the National Anthem starting at 1701 UT.

The new sign off routine was recorded at an S9 level in Hong Kong, and features different singers in the anthem, along with a more dominant organ. A recording of the entire new sign off routine is posted at

<https://dreamcrafts.box.com/s/6qy53nx3r41e2k5c2nqimzqir0hvj2n6>

73 and Good DX, (Gary DeBock (on vacation in Hong Kong), 7.5" loopstick C.Crane Skywave SSB Ultralight, IRCA iog via DXLD)

** CANADA. 328 kHz, April 1 at 0617, dash and YTL from NDB beacon at Big Trout Lake, Ont., 1000 watts. Really remote, fly-in only in NW Ont., beyond Pickle Lake, almost 90 west, 54 north. 2031 km = 1262 miles from here. Also got three de USA, q.v.

341 kHz, April 4 at 0549 UT, dash and YYU ND beacon, 500 watts from Kapuskasing, Ontario, one neat name. Town website says, ``Did you know? Kapuskasing means "Bend in the river" in Cree``. Also logged a USA station on same frequency, different pitch, q.v. (Glenn Hauser, Enid OK, DX LISTENING DIGEST)

** CANADA. CHFO, 1350, Gatineau seems off permanently --- I had not heard this station since we returned to Ottawa early February, so investigated. No online news items, or CHFO online presence, so one morning I called Industry Canada. They called back that afternoon to say their early investigation led to likely permanent CHFO silence,

and said if they get further info they would call me back (!), which is nice*. More info if and when I get it. * when I told the IC person I listened by way of improving my French, he was nice enough to suggest I try CJEU 1670 (EricFloden, Ottawa, Ont, April 1, DX LISTENING DIGEST)

** CANADA [and non]. Glenn, Re your comment about Canada 1610 in the item about Anguilla: The Canadian 1610's are all notified to FCC with facilities that are "legal" under the Region II expanded band agreement. The only one notified with more than 1 kW night is CHHA, and it is specified with a directional antenna to be consistent with the Agreement. If you know of exception(s) let me know and I will look at the ITU database. There are no US 1610s because the Federal TIS operations on 1610 are primary unlike other TIS authorizations. (Ben Dawson, WA, April 3, DX LISTENING DIGEST)

** CANADA. 2749-USB, April 2 at 0637 UT, unusual to hear anything in the nightmiddle, but marine weather info in French with English accent; millibars and direxions mentioned, also Matane several times which is a QuÈbec city on the GaspÈ coast NE of Rimouski. Stops at 0639* and nothing now on 2598-USB either. I cannot find a 2019 schedule on the Canadian Coast Guard site, just 2018: <http://www.ccg-gcc.gc.ca/Marine-Communications/RAMN-2018/Part2#21> which does not show anystation ending around 0640 UT; and it has never been clear to me whether these stations stay on UT or make DST shifts! CCG 2018 sked does show VCO Sydney NS *starting at 0740 UT via Port Caledonia site, English only, which would now be *0640 if DST be observed. Nor does this version: <http://dxinfocentre.com/mb.htm#0%20ATL>

Bill Hepburn replies already to an advance copy of the above:

``Hi Glenn, That could've just been an unscheduled broadcast with a marine warning or an amended forecast. Unscheduled broadcasts are not that uncommon. I've heard lots of them over the years. They also interrupt the VHF continuous marine broadcasts.

From the RAMN: "MCTS Centres broadcast marine safety information through continuous, scheduled and unscheduled broadcasts to provide mariners with information such as weather bulletins, ice information, and notices to shipping (NOTSHIP) concerning the operational status of navigational aids and dangers to navigation."

BTW, broadcast times noted in UT remain on UT regardless of ST/DT status. The RAMN's are now updated on an ongoing basis - so it's always the latest issue. You can check the amendment dates on the Amendment Register on page i. The "year" changes in April, the

official annual issue time.

My guess is that you heard Escoumins Coast Guard Radio broadcasting from its site on Grindstone Island, QC. Regards, Bill Hepburn``
(Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. New Radio Canada transmitter.
Robert Newell Apr 1 #173

Word on the street: the CBC has purchased a 500 kw transmitter for 530 KHz - for testing near Tofino, British Columbia. Multi-language programming to return to the air by April 1, 2020 - with the bulk of the material to be aimed at Japanese DXERS (Colin Newell - Victoria - B.C. CANADA, IRCA iog via DXLD)

Are the April Fools gags starting already??? hi (Mike Sanburn, ibid.)

Starting? It's noon- they're ending. In all seriousness: I'm considering pursuing the process of licensing a Canadian SW station on the 49 meter band. Low power. Why? Because. There are private SW stations in the U.S. ó why not Canada (Colin Newell - Victoria - B.C. CANADA, ibid.)

A Shortwave station entirely dedicated to DXers!!! (Mike Sanburn, ibid.)

Weren't there two low power SW Canadians on 49m back in the day?
(Maybe more, but I seem to remember two...) (Mark Pettifor, ibid.)

6030 Calgary ó still on
6070 Toronto ó still on

6080 - Vancouver - off for decades
6160 - Vancouver and St. John's (off)

Memory says there was something on 6130 ó cannot remember who.
Montreal? (Colin Newell - Victoria - B.C. CANADA, ibid.) Halifax (gh)

100 watts should be ample for regional and transPacific coverage. The primary hosts: Glenn Hauser and Paul Walker. That'd be something!
(Colin Newell - Victoria - B.C. CANADA, ibid.)

I am willing to bet that there were. I used to hear a lot around 6 MHz at sunset. Here's what Wiki gave me:
<https://en.wikipedia.org/wiki/CFRX>
(Mike Sanburn, ibid.)

CHNX in Halifax, NS was on 6130. Montreal was, I believe, on 6005.

(Bob Coomler W7SWL, Tucson, AZ, ibid.)

And years ago, in the early 60s, CKWX in Vancouver was on the 49 meter band when they were still Top 40. -- (Rick Lewis, ibid.)

SW 6080 call was CKFX, and only 10 Watts, prime DX target (gh, DXLD)

[Montreal:] Yes, they were. Call was CFCX and I have a QSL card dated 11/15/1969. Power was 500 watts and operated by The Marconi Group. Their MW station started in 1919, a year before KDKA and WWJ. Vy 73 de Joe (Joseph Miller, ibid.)

The ones on 6160 were the ones I was thinking of. If we here in the Midwest could hear them, then conditions were probably good for SW DXing.

I remember one day in particular that I heard both stations. It was April 1, 1982, and Tristan da Cunha was broadcasting a special April Fool's program on 6160 (which for them was an unpublished frequency), and they went open carrier for about 2 hours because they were running a news program and ran out of things to report on. I heard the Canadians underneath the OC (Mark Pettifor, ibid.)

And one more from Nova Scotia... CJCX/6010 in Sydney on Cape Breton (Theo [Donnelly, BC?], ibid.)

Wow, cool, I did not know about that one. Tnx. Looking forward to Colin's new station. I nominate co-hosts Glenn Hauser and Arnie Coro! (EricFloden, New Edinburgh On, ibid.)

When I started in the early 70's, there were 8 on the air

6005 CFCX Montreal
6010 CJCX Sydney, NS
6030 CFVP Calgary
6070 CFRX Toronto
6080 CKWX Vancouver
6130 CHNX Halifax
6160 CKZN (?) St. John's, NF
6160 CBC Vancouver (can't remember the call sign)
(John Fisher, Kingston, ON, ibid.)

CKZN 6160 in St. John's is correct. 6160 in Vancouver was CKZU. And then there were the VE9's and some CJ's in Manitoba from the 30's-50's. Thanks to all the non-shortwavers for their patience. :-)
(Bob Coomler W7SWL, Tucson, AZ, ibid.)

CBC St. John's Newfoundland may be the only station I've verified on

MW, FM, SW and TV! (Jim Renfrew, NY, *ibid.*)

We could clearly use a few more Canuck voices on the Shortwaves
---particularly since we have no intil service any more (Colin Newell
- Victoria - B.C. CANADA, *ibid.*)

Some of the local radio stations in the Palm Springs CA area carry
Canadian news on a daily basis. But I agree, it's not the same as on
shortwave. 73 de Joe (Joseph Miller, *ibid.*)

I miss the Canadian shortwave stations. I have veries from all I heard
(7) plus I have several Canadian Coast Guard stations including
Tofino. Canada on MW is tough to hear here in So Cal (Martin Foltz,
ibid.)

[Vancouver:] And, before that, it was CBUX I believe? This is surely a
garrulous grandad in the rocking chair moment, but as a small child I
recall hearing an ID on CBU-690, that went something like "CBU and
short wave CBUX". Only problem was that I'd never heard the term
"short wave", and heard it as "short way", and could not understand
how "CBUX" was a short way of saying "CBU". A lifetime of not
understanding various things has followed, hi. best wishes (Nick
Hall-Patch, BC, *ibid.*)

CKZU started as CBUX, CKZN as CBNX --- until it was decided for Canada
to quit using Chilean callsigns on SW at least (gh, DXLD)

I remember when Canada was a piece of cake here in SoCal, especially
CBK 540, CBR 1010, CKWX 1130. I first logged former AMer CJOC 1220 in
Lethbridge AB here while they were still a rocker (prior to going
country then ultimately going FM). I also logged some of the tougher
ones. CKRM 980 (before they swapped over to 620) SK. CKLW 800 ON has
been logged here. Also, CHUM and CJNB both on 1050. Good times (Mike
Sanburn, IRCA iog via DXLD)

** CANARY ISLANDS [non]. Re: [bdxc-news] Coast FM Canary Islands

Hi John and Albert, I often get a great signal in Warwickshire, this
morning sounded really good SINPO 54455. You can submit a reception
report at shortwave@coastfmtenerife.com or visit their website and
fill in an online report. Thanks (Will Grocott, March 30, bdxc-news
iog via DXLD)

Coast FM on shortwave is a relay from Ireland (not the Canary
Islands). 73, (Alan Pennington, *ibid.*)

Alan - Any information on the relay site (who, where, why, power,
etc.)? 73 de tc (Terry Colgan, TX, bdxc-news iog via DXLD)

** CHAD [non]. Radio Ndarason International via ENC-DMS Woofferton, April 2
1900-2100 12050 WOF 250 kW / 152 deg to WeAf Kanuri/French, very good
<https://swldxbulgaria.blogspot.com/2019/04/radio-ndarason-international-via-enc.html>

Radio Ndarason International via ENC-DMS Ascension, April 3:
0500-0600 5960 ASC 250 kW / 055 deg to WeAf Kanuri, co-ch QRM KWT HQ
0600-0700 7415 ASC 250 kW / 055 deg to WeAf Kanuri, weak/fair signal
https://swldxbulgaria.blogspot.com/2019/04/radio-ndarason-international-via-enc_3.html
(Ivo Ivanov, SWLDBulgaria News April 2-3, DX LISTENING DIGEST)

** CHINA. CNR1 DRM --- Intermittently audible on 15250 at 0154 UT (scheduled 01 to 08). Surprising to get any signal from so far away in our early evening. I suspect I'd be able to decode fully in Masset. 73, (Walt Salmaniw, Victoria, BC, UT March 27, WOR iog via DXLD) See also EAST TURKISTAN

15250-DRM, CNR1 Kunming site in DRM mode, S=9+15dB at 0650.

15580-DRM, CNR1 DRM sce from Dong Fang island, S=9+20dB in eastern Thailand remote SDR, 10 kHz wide strong block at 0702 UT.

15735-DRM, CNR1 DRM sce from Qiqihar site #2021 in Far Eastern China, near Russian border - first ALLISS revolving antenna location in China, S=9+20dB in eastern Thailand remote SDR, 10 kHz wide strong block at 0702 UT. Log at eastern Thailand on Uwe's Perseus remotely access installation: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

** CHINA [and non]. 12120, March 26 at 1432 Chinese with sounder, S6 with flutter, also constant RTTY and CODAR QRM. A frequency a broadcaster should avoid, but not VOA PHILIPPINES in Mandarin this hour, so I am not sure whether this is the CNR1 jammer or not. Before 1400, FEBC is on 12120, and even earlier KTWR --- I hope listeners aren't thinking VOA also be a gospel huxter by the company it keep (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA. 13640, CNR1 (jammer). 0158-0203+ 23 March. Just breaking through the noise with TOH pips/TC v. (unheard) SoH (Dan Sheedy, Encinitas, CA, Eton/Grundig "Executive Satellit"/6m X wire, DX LISTENING DIGEST)

** CHINA. 12065. 27/3/2019, 0151-0200, CNR1, xx-CHN, em ChinÍs. Jammer/Firedrake da CNR1, com locuÁies masculina e feminina; 0155 ID e

uma canção chinesa romântica. Recepção Última, 45554 (JRX_JosÉ Ronaldo Xavier, SWARL Callsign PR7036SWL, Receptor (es): Degen DE1103 & Tecsun S-2000, Cabedelo-PB, Brasil (UTC-3), WOR iog via DXLD)

** CHINA. 9455. 28/3/2019, 2028-2050, CNR1, Jamming sô de música chinesa sem interrupção, orquestra, tambores e violinos nervosos, bloqueando a edição da RFA neste horário. Recepção Última, 45554. (JRX_JosÉ Ronaldo Xavier, SWARL Callsign PR7036SWL, Receptor (es): Tecsun S-2000, Cabedelo-PB, Brasil, WOR iog via DXLD)

** CHINA [and non]. 11650, CNR 1 at 1055, in progress with W in Chinese and overpowering VOA via Thailand, on at this time with Chinese service. Broadcasting used to jam another (thumbs down here)
- Armchair, Mar 27

9155, CNR 1 at 1030. Collision - ! Woman in Chinese, over Cuban "Numbers Station" in Spanish with HM-01 digital text file tones and a woman with five figure number groups. The China broadcast is intended (apparently) to be used as a jammer against Sound of Hope (listed for this channel now). Numbers broadcast ended before the ToH, China closing on the hour - Excellent levels, Mar 27

9825, CNR 1 at 1245, VoA via Philippines - ? No, they are scheduled here in Chinese lang., but this station is // to other CNR 1 frequencies. Some kind of variety show thing, very loud. Broadcasting used as jammer - Beyond Armchair, Mar 25

13640, CNR 1 at 1000. Programming in Chinese. Station used as broadcast jammer - frequency listed as Sound of Hope in either Cantonese or Mandarin. Very strong in pre-dawn darkness. (I probably wouldn't have tuned this far up the band, but I pushed a wrong button on the Grundig). Mar 25 - Very Good (Rick Barton, Arizona SW Logs, Satellit 205(T.5000), SW-2000629, ATS-909X, with various outdoor wires. 73 and Good Listening....! -rb, WOR iog via DXLD)

** CHINA. CNR-1 Jammer vs Sound of Hope Xi Wang Zhi Sheng on March 29 till 1100 on 9920 unknown kW / non-dir to EaAs Chinese, fair/good till 1300 on 15800 unknown kW / non-dir to EaAs Chinese, very good https://swldxbulgaria.blogspot.com/2019/03/cnr-1-jammer-vs-sound-of-hope-xi-wang_29.html
(Ivo Ivanov, SWLDXBulgaria News March 29, DX LISTENING DIGEST)

** CHINA. 15140, WHITE NOISE JAMMING block, S=9+5dB in THA at 0648 UT, I guess meant against RFA Tibetan from Udorn Thani-THA relay site towards Tibet-China, scheduled daily 03-06 UT. Log at eastern Thailand on Uwe's Perseus remotely access installation: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

** CHINA. 6180, CNR-1 Jinhua? exceptionally strong 1155z with ads, announcements in Chinese, time pips at 1200z, W with "Beijing National Program" ID, more announcements, 1103z sounds like a kids story recited by M. NOT LISTED as a broadcast station because its purpose is to jam TAIWAN in Chinese 1000-1600, nevertheless nice crisp audio and strong signal. I would suspect 500 kW from Jinhua which is HUGE (yuge?) for a JAMMER (Steven Wiseblood, TX, 4/3, WOR iog via DXLD)

A-19 March 28 HFCC file show Fuzhou 150 kW
6180 1000 1600 33S,42-44 FUZ 150 358 0 206 3103-271019 Zho CHN CNR RTC
(Wolfgang Bueschel, DXLD)

** CHINA. 9800, April 3 at 1354, story in English from CRI // 9570 via CUBA; now here this hour only, 500 kW due SE from Kunming, instead of VOA Korean heard during B-18 on 9800 (Glenn Hauser, OK, DX LISTENING DIGEST)

** COLOMBIA. UNIDENTIFIED. 2940.14, March 28 at 0540, harmonic with the most modulation yet but still too weak, seems YL talking but can't tell language. At 0548 an OM instead. Have been presuming it's 2 x 1470.07v, but since $2+9+4 = 15$, a multiple of 3, this could also be a third harmonic of 980+.
<http://mwlist.org/mwoffset.php?khz=980>
shows a few remote possibilities (Glenn Hauser, OK, DX LISTENING DIGEST)

2940+, re my several recent logs of an harmonic here, many tnx to Brett Saylor who has definitely IDed it as the same one which was being heard a few years ago:

``Hi Glenn, Regarding the reports of a station on 2940.x, I heard HJNT Huellas Radio, Cali, Colombia on approx. 2940.11 kHz (2 x 1470.x) with impassioned Spanish preacher at 1030 UT on 2 April 2019 on my Perseus SDR and south 16' x 36' Wellbrook broadband loop; confirmed this was HJNT via comparison with the TWR kiwiSDR in Bonaire and the station's own web stream at <http://www.radios.com.co/huellas/> --- Best 73, Brett Saylor W3SWL, State College, PA``

Huella means footprint, or vestige, apropos for harmonic, unlikely chosen deliberately! (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** CONGO. 6115, Radio Congo, Brazzaville, 0610-0621, 29-03, French, comments, African songs. 14321 (Manuel MÈndez, Lugo, Spain, Log in Lugo, Friol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** CONGO DR. Radio Kahuzi, Bukavu, 1720-1733*, 27-03, vernacular, comments. Extremely weak due to increase of day light in the northern hemisphere. In a few days will be impossible to hear this station here. Signal cut off abruptly at 1733. Usual close at about 1800. 15311 (Manuel MÈndez, Lugo, Spain, Log in Lugo, Friol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

Democratic Republic, Radio Kahuzi, Bukavu, 6210.2 kHz, sent email reception report 23-02 to the station email address. Received snail mail letter with QSL card, stickers, brochures with the station history, schedule, in 38 days. Letter sent from the Florida address of Radio Kahuzi.

Radio Kahuzi,

Email: radiokahuzi@sbcglobal.net

P. O. Box 110173

Bradenton, FL 34211

USA

[illustrated in the WOR iog]

(Manuel MÈndez, Lugo, Spain, WOR iog via WORLD OF RADIO 1976, DXLD)

Congrats, Manuel; are they maintaining a fairly regular schedule? Their web page indicates 0000Z - 1200Z but your reception indicates otherwise (Steve McDonald, VE7SL, ibid.)

Steve, They have a much more limited schedule than what the web page shows due to power availability in the Bukavu region and it's all after 1200 UT. Not sure of actual start time but they go to about roughly 1800 (it has gone past 1800 on a couple of occasions but lately seems more like 1745 UT or so). The sign off occurs with a Country & Western tune, very out of character with the usual Central African highlife music played during some programming. Here is a link to a recording I made from a KiwiSDR in SW England on Jan 2 this year (starting at 1655):

<https://goo.gl/UetgZN>

I also have one from a KiwiSDR in Iceland on 29 Jan but this is the best one to hear their programming style (Bruce Churchill, CA, ibid.)

Thanks, Bruce; looks like I'll be out of luck for any chance of hearing them here on the west coast since these times are all in daylight here, drat (Steve / cheers, ibid.)

Radio Kahuzi, 6210.2: Hi, here in the North West of Spain, only can hear this station near close time in winter and early spring. In a few days, due to increase daylight in the northern hemisphere it will be no possible to hear it. Best time between 1720 and 1800. Close between 1745 and 1804. Some days out of air.

Thank you very much, Steve. The schedule of Radio Kahuzi, in accordance

with a brochure sent to me with my QSL card is 0800 to 1945 Pretoria time; Pretoria is 2 hours ahead of UT, so it would be 0600 to 1745 UT. Various days I heard it expanding to 1800 or 1804.

This also matches with this link:

<http://radiokahuzi.blogspot.com/>

Best 73,s (Manuel M endez, Lugo, Spain, ibid.)

Thank you, Manuel; there is hope then for me to hear them after all!!
(Steve / cheers, ibid.)

** CUBA. Subject: Radio Cuba --- Hey Glenn, Been listening to the phone podcast a few times on the road and every show I've heard has you snarking at or badmouthing Radio Cuba; every time you do this and list all the bad scheduling or bad automation, you're doing them a favour by providing free monitoring services fresh each week for de nada. If they had to pay for the same, that would be a much bigger deal for them. Similarly, because of the huge primary and secondary reach of your show, you're bringing them huge exposure to potential new listeners that they'd never get any other way. If you didn't report on them, there'd be no one else doing it and no-one would hear of them. Arnie and the boys may be setting it up all these dud transmissions, just to see if they get out and waiting for you to tell them if they did, and laughing at you inadvertently helping them out. How about phasing out the reports saying 'nothing heard' for a couple weeks; that'll get them :) and just an occasional straight report now and again. 73 (Bob Williams (who uses guerrillamail.com), March 20, DX LISTENING DIGEST)

Thanks for your advice. I am quite sure RHC/RCuba don't give a damn what I think or report about them, and may not even know about/read/hear it. Why would they deliberately sabotage their own broadcasts just to get a rise out of me? If they really wanted better listenership they would fix their problems whether I mention them or not. My ``free monitoring service`` obviously hasn't helped. So I continue to delight to point out their incompetence; BTW, they are unfriendly to USA, as you might have noticed if you could understand some of their broadcasts (Glenn to Bob, via DXLD)

** CUBA. 4765, March 27 at 0050, R. Progreso is on with mostly music, well atop CODAR above and below. A while ago, Wolfgang Bueschel was wondering if they were really starting at 0030 now as he was not hearing them that early; must have been an anomaly (Glenn Hauser, OK, DX LISTENING DIGEST)

15370, Radio Habana Cuba; 2056-2101+, 3/26; M in Arabic with Klingon accent! Audio off at 2058:54 to DA; 2059:52 RHC IS tune into Spanish with ID & sked. SIO=4+54. Aoki shows French & EiBi shows Arabic.
iThereis always something wrong with Aoki.i Neither mentions

Klingon (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST) RHC only(?) Arabic announcer sounds like choking (gh, DXLD)

15700, March 27 at 1431, China Plus relay is S9+30 but suptorted. Something's always wrong at RadioCuba.

13661.5 & 13738.8 approx., March 28 at 1443, buzzes centered about 13700, more spurs out of that RHC in addition to the bigger ones plus/minus 28.3 kHz. Then I have some modulation about 13634.7 during apparent asymmetrical multiple spur carrier peaks. Something's always wrong at RHC.

6000, March 29 at 0530, RHC English S9+10 but JBM; 6060 is S9+20/30 with good modulation but CCI and SAH from Algerian Qur'an via FRANCE; 6100 S9+10/20 undermodulated; 6165 S9 but JBM; 5040 S9+20/30 loud; talk is about slavery. Something's always wrong at RHC (Glenn Hauser, OK, DX LISTENING DIGEST)

At least this morning at 0744:12 UT the Bauta technician switched off RHC transmissions on 49 meterband, this Latin American night, i.e. switched off 6060 kHz, which heard today 0700-0735.05 UT as Esperanto service, S=9+40dB in Edmonton, Alberta, Canada; followed by empty carrier on air full power till 0744:12 UT switch-off.

6165 kHz lasted also from Bauta, in Spanish service 0700-0735 UT, and sent out 'empty air' signal til 0744:12 UT. S=9+35dB in Edmonton, Alberta, Canada.

0700-0730 UT on March 31: Surprisingly noted -Sunday only- service Esperanto at 0700-0730 UT today March 31 on 6060 kHz instead in A-19 season. !!! ex6100 kHz in B-18 season 6100 kHz Bauta switched OFF exact at 0700 UT.

But both 6000 QUI and 6165 kHz Bauta are both on air in RHC SPANISH program content, at 0708 UT.

6165 kHz still on air at 0720 UT, but Quivican 6000 kHz now OFF air.

Bauta R Rebelde 5025 kHz also on air, heard in Cape Canaveral SDR unit site in Florida remotely also after 0700 UT. 73 wolfie df5sx (Wolfgang Bueschel, dxldyg via DXLD)

re Cuba Quivican San Felipe TITAN bcast center site 250 kW,

11880 kHz CRI Beijing English program noted in Edmonton Alberta Canada remote SDR unit, at 14.52 UT on March 31. S=9+35dB powerful signal on air.

Remaining Cuban morning outlets a l l (*)
according Arnie's xls A-19 schedule requests of March 17th.

(*) But I didn't check 6150 kHz channel this Sunday, sorry

1100-1300 6150 QVC 250 n-d NCAm Spanish non-directional
TITAN Quivican San Felipe antenna HQ2/2/0.2 non-directional

1100-1500	9535	BEJ	100	230	CeAm	Spanish	MEX-GTM-CTR-Panama
1100-1500	9640	BEJ	050	110	Ant	Spanish	Antilles
1100-1500	11760	BAU	100	n-d	NCAm	Spanish	non-directional
1100-1300	11950	BAU	100	340	WNA	Spanish	Chicago
1100-1400	13780	BEJ	050	160	SoAm	Spanish	Buenos Aires
1100-1500	15140	BAU	100	130	SoAm	Spanish	Rio de Janeiro
1100-1500	15230	QVC	250	305	SoAm	Spanish	San Francisco
1300-1500	13700	BAU	100	310	WNA	Spanish	San Francisco

1500-1530 11760 BAU 100 n-d NCAm Esperanto Sun only
1500-1530 15140 BAU 100 010 ENAm Esperanto Sun only

I couldn't trace any antenna switch at Bauta on 15140 kHz channel
at 1500 UT, from SoAm ant 130degr azimuth to Esperanto program Sundays
only at 010degr New York azimuth instead (Wolfgang Bueschel, March 31,
dxldyg via DXLD)

15700, March 29 at 1415, China Plus relay is JBA S5-S7, fadey, maybe
also undermodulated. Usually this inbooms whatever the modprob. Cuba
is about all one can hear in the morns on 19m: 15825 WWCR & 15770 WRMI
being JBA to JBA carriers. How about the RHCs? 15140 is steady S9 but
suptorted; 15230 weaker S5-S6 and not distorted. Can't have
everything. Something's always wrong at RadioCuba (Glenn Hauser, OK,
DX LISTENING DIGEST)

[and non]. 13605, March 31 at 1401, Radio Marti is S9+20 unjammed,
having just made the totally predictable A-season switch from 13820,
where the wall of noise remains. Something's always wrong at the
DentroCuban Jamming Command (Glenn Hauser, OK, DX LISTENING DIGEST)

11880, March 31 at 1425, China Plus relay in English on NF for A-19,
ex-15700; S9+20 and somewhat undermodulated as required. Earlier,
Wolfgang Bueschel had accumulated the A-19 sked for these relays, via
Quivican site:

0000-0100	5990	QVC	250	ND	NAM	Spanish
0000-0100	9810	QVC	250	160	SAM	Spanish
0100-0200	9580	QVC	250	10	NAM	English
0200-0300	9580	QVC	250	10	NAM	Chinese

0300-0400 9790 QVC 250 305 WNAM English
0400-0400 9790 QVC 250 305 WNAM Cantonese
1200-1300 9570 QVC 250 10 NAM Cantonese
1300-1400 9570 QVC 250 10 NAM English
1400-1500 11880 QVC 250 305 WNAM English
1500-1600 11880 QVC 250 305 WNAM English
2300-2400 5990 QVC 250 ND NAM English
2300-2400 13650 QVC 250 135 SAM Portuguese
(Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

[and non]. 7355, April 1 at 0042, wall-of-noise jamming against no Marti, which seems jamfree on 7335 // 7365. Way to go, incompetent DCJC on first day of new season! HFCC A-19 registrations for IBB in Spanish from Greenville-B, which mean precisely nothing but RM:

23-03 7365 00-07 7335 00-12 6030 03-05 7435 05-07 7365 07-10 5980
10-13 9805 10-14 7335 12-14 7365 13-20 13605 14-20 11860 M-F
14-24 11930 20-24 9565

We sincerely hope this non-classified info assist DCJC to jam correct frequencies and no others! (Glenn Hauser, OK, DX LISTENING DIGEST)

6165, April 1 at 0049, RHC English is instead S9+20 of dead air; while 6000 has undermodulated music at S9+10/20. Something's always wrong at RHC.

11670, April 1 at 0100, RHC news theme for Spanish is S9 but JBM, much softer than 11700, 11760, 11840 and its 11830/11850 spurs. Spain is now scheduled on 11670 until 2300 so will those ever collide? Not sure when RHC start, where something always be wrong.

6165, April 1 at 0544, RHC English survey during music: this one is S9-S6 and JBM; 6100 S9+10 suptorted; 6060 S9+20 slightly distorted and Algerian Qur'anRM is gone! 6000 S9/+10 JBM and distorted; 5040 S9+30 about like 6060.

Rechecking at 0606+, 6165 JBM; 6100 undermod; 6000 OFF; 6060 & 5040 both with CCI --- no it's not, rather undercurrent during voice-over translation, self-QRM! When will SW stations ever learn to fade the VO down completely once briefly established?? Something's always wrong at RHC.

4764.999, April 1 at 0327, R. Progreso VG signal measured here with margin of error of 2 Hz at most. And it matches 5025 BFO pitch. Anker Petersen, Denmark has been reporting this as 4765.02, such as March 24 at 0330, but I have never noticed them that far off in BFO 1-kHz-step bandscans. Some of his other logs such as Eritrea and Mali appear to be measured +.01 or +.02 too high. Please check receiver calibration vs WWV or the like.

6000, Monday April 1 at 2302, no signal from RHC for 'Mesa Redonda' TV soundtrack, which is S9+30 on only // 11950. So no ACI this side of 5995 Mali. By 2306, 6000 has come on too. Something's always wrong at RHC.

6000, April 2 at 0625, this RHC English is off; 6060 is loud S9+30 with music; 6100 is S9+30 but undermodulated with hum; 6165 only S7 and u/mod. At 0629, 5040 starts 'Focus on Africa' with a song from Sierra Leone, good S9+20. So English span is now more-or-less 23-07. Something's always wrong at RHC.

15370, April 2 at 1951, RHC in French, while 15140 is in English. French must have shifted an hour earlier; still shown in Aoki/NDXC not starting until 2030. Something's always wrong? at RHC.

6150, April 3 at 1247, RHC still here as only 49mb morning frequency, undermodulated, but inaudible on 12300 = x 2. Something's always wrong at RHC.

13700, April 3 at 1444, RHC is S9+10 of dead air. Also before 1400 I noticed that 13780 was much weaker by comparison. Something's always wrong at RHC.

6000, April 4 at 0520, RHC is S9+20 of dead air in English; 6060 is S9+20/30 good modulation of music in Spanish; 6100 S9+20/30, undermodulated but sufficient to hear; 6165 S9+10 undermodulated. Something's always wrong at RHC.

15370, April 4 at 1858, S9+10 open carrier from RHC about to start algo at 1900? Nothing known before 1930 French to Europe. Is this something wrong?

6000, April 5 at 0534, RHC English S9+10 JBM here; 6060 S9+10 good mod; 6100 S9+20 undermodulated; 6165 S9+10 JBM; 5040 S9+20 distorted. Something's always wrong at RHC. Also suffering from local high line noise level at S9 on this and lower bands!

15230, April 5 at 1402, RHC is S8-S9 but just barely modulated; while 15140 is only S7-S8 but sufficiently modulated. But by 1651, 15140 is suptorted. Something's always wrong at RHC (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [and non]. 7435, R. Marti/DCJC. 0244+ 25 March. Nice program of 80s New Wave tunes (Adam Ant, Bananarama, Sisters of Mercy) well above the Cuban jamming. Not so on 6030, where Marti was well & truly thrashed by those busy Commies from the DCJC (Dan Sheedy, Encinitas, CA, Eton/Grundig "Executive Satellit"/6m X wire, DX LISTENING DIGEST)

13820, April 2 at 1338, residual lite jamming on ex-Marti frequency, while heavier jamming seems now under replacement 13605 (Glenn Hauser, OK, DX LISTENING DIGEST)

** CYPRUS. BFBS Akrotiri on Shortwave

Hi Glenn, I think I might be late to the party. I am trying to sort out the "locations" of three shortwave stations on the Island of Cyprus that I have QSL cards from.

The stations are as follows:

1. BFBS Akrotiri;
2. BBC East Mediterranean Relay Station, Zyyi;
3. Cyprus Broadcasting Corporation, Zyyi.

It looks like number 1 is a separate transmitter site from number 2 and 3. Or is it? Is the BFBS station located in Akrotiri and Dhekelia, a British Overseas Territory, which has separate sovereignty from the rest of "Southern" Cyprus, and the other the two at the BBC operated station, presumably on the territory of the Republic of Cyprus..

I hope you can follow all of this. Just trying to understand what is going on. Do you have additional information on this? Basically, how many stations/transmitter sites and how many radio countries (NASWA criteria) are there here?

http://qsl.philcobill.com/blog/wp-content/uploads/2015/08/BFBS_Cyprus_17695b-1024x640.jpg

Glenn, this web page (follow the links) suggests that there are two shortwave transmitter sites, one for BFBS in Akrotiri (separate from the Republic of Cyprus - RoC) and another for the BBC and CBC broadcasts in the sovereign territory of RoC.
<https://www.nationmaster.com/country-info/stats/Media/Radio-broadcast-stations>
(Bill Harms, April 3, DX LISTENING DIGEST)

Bill, Of course, none of these are on the air any more. I am sure some of our experts can sort this out, and are you aware of the shortwavesites yg specialising in such matters? (Glenn to Bill and also copying to SWSites, ibid.)

My question is how reliable and authoritative are those web sites.
I found this.

<http://wikimapia.org/5609529/BBC-World-Service-British-East-Mediterranean-Relay-Station-BEMRS>

<http://wikimapia.org/5049333/Akrotiri-Aerial-Farm>
(Bill, ibid.)

Hi Glenn, I sent an inquiry off to BFBS yesterday (see below) and they responded with the following. --- I wonder why they cannot disclose the information.

This makes me believe even more that the signal for my QSL was transmitted from the Akrotiris SBA, and not the BBC East Mediterranean Relay Station. Bill

Hello, I am a radio history buff, and was hoping someone at your office could answer a question I have, During Desert Storm in 1991 I heard one of your shortwave broadcasts and received the above QSL card from your office in the UK. On the card, it says that the transmissions came from Akrotiri. Can you tell me if the transmitter site was location in the Akrotiri Sovereign Base Area or was the transmitter located elsewhere? I hope you can answer my question, and look forward to hearing back from you. Thank you in advance. Bill Harms

----- Forwarded Message -----

Subject: Ticket INC0062819 - FW: Inquiry

Date: Thu, 4 Apr 2019 08:43:42 +0000

From: Service Delivery <servicedelivery@bfbs.com>

Reply-To: qslbill@verizon.net <qslbill@verizon.net>

> Dear Sir, Thanks for your interest. Unfortunately we are unable to disclose that information Kind Regards, Eddie

Services Sound and Vision Corporation. Registered Office:
Chalfont Grove, Narcot Lane, Chalfont St Peter, Gerrards Cross,
Buckinghamshire, UK. SL9 8TN Charity Registered in England No. 233480
Company Limited by Guarantee Registered in England No. 407270
(via Bill Harms, DXLD) Maybe a CYA way of saying How should I know?
To Be Continued (gh)

** DJIBOUTI. VOA, via Doraleh, 1431 kHz: F/D eQSL, including transmitter site, in 1 day after F/UP. The reply came from US Agency for Global Media Transmission & Engineering Directorate ñ Broadcast Technologies Division. E-mail: qsl@usagm.gov ñ

Finally, after many attempts to various E-mail addresses, I was able to receive this confirmation for a VOA broadcast in Somali heard on 10 March 2018 and carried over the Doraleh transmitter site. For the sake of good order, it should be mentioned that in 2018 I received from VOA a cumulative QSL card verifying three different reception reports, including that one about reception of their broadcast in Somali which missed exact date of reception (VOA indicated the full seasonal schedule period) and transmitter site. Even times didn't correspond

with my receptions reports. Despite I always reported reception only about a portion of their broadcast, VOA indicated the starting/ending time of each transmission. Only frequencies agreed with my reception reports. A lot of thanks to Ivan Zelenyi from Nizhnevartovsk in Russia who suggested me to use the above mentioned E-mail address (Antonello Napolitano, Taranto, ITALY, March DX Fanzine via DXLD)

Unlike most monthlies, this one comes out at the end of each month dated with it instead of the next month; evidently meanwhile material is accumulating online for the following issue (gh, DXLD)

** EAST TURKISTAN. CHINA, Reception of China National Radio in DRM mode via Urumqi, March 27
till 0800 on 13850 URU 030 kW / 098 deg to EaAs Chinese CNR-1 DRM mode
<https://swldxbulgaria.blogspot.com/2019/03/reception-of-china-national-radio-in.html>
(Ivo Ivanov, SWLDBulgaria News March 26-27, DX LISTENING DIGEST)

Reception of China National R DRM via Urumqi Apr 4
till 0800 on 13850 URU 030 kW / 098 deg to EaAs Chinese CNR-1 DRM mode
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-china-national-radio-in.html>
(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

** ECUADOR. Nice signal from HCJB (or "Indian Radio") this evening (31 March) here in NB at 0200 UT on 6050 kHz in presumed Quechua. Nice Andean music. WRTN 2019 says 1 kW. Fond memories of HCJB when they had their multi-lingual international SW service from Quito. I still have the pan flute received as a gift many years ago (-- Richard Langley, WOR iog via DXLD)

** EQUATORIAL GUINEA. 5005, Radio Nacional, Bata, *0550-0606, 02-04, Spanish, program iPanorama Nacionalí, news. 15321 (Manuel MÈndez, Lugo, Spain, Logs Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** ERITREA. 7180.024, April 1 at 0325, JBA carrier, presumed VOBME, but nothing on other channel 7140+; nor still inactive Somaliland 7120 (Glenn Hauser, OK, DX LISTENING DIGEST)

7180.021, VoBMoE from Asmara site, noted at 0501 UT on April 1st, but not on air of 2nd unit close to 7140v kHz though. S=3 or -110dBm poor tiny signal, just above threshold level. via remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

** ERITREA [non]. SECRETLAND, Good signal of Dimtse Radio Erena via SPL Secrethbrod, April 1:

1700-1730 9720 SCB 050 kW / 195 deg to EaAf Tigrinya Daily
1730-1800 9720 SCB 050 kW / 195 deg to EaAf Arabic Mon/Wed/Fri
1730-1800 9720 SCB 050 kW / 195 deg to EaAf Tigrinya Tue/Thu/Sat/Sun
<https://swldxbulgaria.blogspot.com/2019/04/good-signal-of-dimtse-radio-erena-via.html>
(Ivo Ivanov, SWLDBulgaria News April 1/2, DX LISTENING DIGEST)

** ETHIOPIA [non]. Reception of Radio Xoriyo Ogadenya via MBR Nauen on March 30
1600-1630 11970 ISS 500 kW / 130 deg Somali Tue/Sat, very good signal
1600-1630 17630 ISS 500 kW / 130 deg Somali Tue/Sat, NOT in A-19 MBR!
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-radio-xoriyo-ogadenya-via.html>
(Ivo Ivanov, SWLDBulgaria News March 30-April 1, DX LISTENING DIGEST)

** ETHIOPIA [non]. BELGIUM [non]. Cancelled A19 clandestine transmissions via Alyx & Yeyi

<https://swldxbulgaria.blogspot.com/2019/04/cancelled-a19-clandestine-transmissions.html>
(Ivo Ivanov, SWLDBulgaria News April 2, DX LISTENING DIGEST) Viz.:

Radio Xoriyo Ogaden
1600-1630 on 17630 ISS 500 kW / 130 deg EaAf Somali Tue/Sat via MBR
1600-1630 on 17770 ISS 500 kW / 130 deg EaAf Somali Mon/Fri via TDF
Radio Voice of Independent Oromiya
1600-1630 on 17850 ISS 250 kW / 130 deg EaAf Oromo Sun via TDF
Radio Voice of Amhara
1700-1800 on 15360 ISS 250 kW / 120 deg EaAf Amharic Mo/We/Sa via TDF
My last video of R.Xoriyo Ogaden via MBR Issoudun on 11970, March 30
<https://www.youtube.com/watch?v=VXFFR0ocBzs&feature=youtu.be>
??????????? ?? Observer ? 9:19 PM (via DXLD)

** EUROPE. A goodie, 5139.990 kHz, Charleston Radio International pirate S=9+10dB at 2340 UT, Oldtime records, vintage oldies heard, of 1930s. Great. 73 wb (Wolfgang Bueschel, April 1, dxldyg via DXLD)

** EUROPE. HOLLAND, FRS Holland, 7700, commencing at *0803, 31-03 a song, English, "FRS Magazine", mentioned the American band "Chicago", "The Free Radio Service Holland", asking for reception reports, more songs in English Fair signal here in Reinante, SINPO 35433 on 7700 and nothing on 5800 at the moment (Manuel MÈndez, Lugo, Spain, WORiog via DXLD)

HOLLAND, FRS Holland, 5800, 0900-0915, 31-03, pop songs, German, comments, iGerman Showî. 15321. // 7700 (MÈndez)

FRS Holland, 7700, commencing at *0803-0915, 31-03 a song, English, "FRS Magazine", mentioned the American band "Chicago", "The Free Radio Service Holland", asking for reception reports, more songs in English, at 0900 German, iGerman Showî. 35433. Also 1045-1115, 31-03, program iFRS Holland goes DXî with Peter Verbruggen, English. 35433 (Manuel MËndez, Lugo, Spain, Log in Lugo, Fiol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

FRS-Holland on air on Sunday March 31st 2019

<http://www.frsholland.nl/20-latest-news/129-frs-holland-on-air-on-sunday-march-31st-2019.html>

Next Sunday March 31st, the Free Radio Service Holland will be on air all day long. It is our first 2019 activity on SW. Programmes will commence at 0752 UT/09:52 CEST and will last four hours. Close down will be at 1200 UT/14:00 CEST after which the complete programmes will see a full repeat until just after 1600 UT/18:00 CEST.

Attention: programmes will be aired on 7700 // 5800 kHz (spare frequency is 5810 kHz). During the second run starting just after 1200 UT/14:00 CEST, there will be an additional outlet: 6160 kHz.

Tune in next Sunday. The best in music, many interesting (radio) related items and DX news. It will be worth while to tune in! Reports but moreover: personal comments are more than welcome. P.O.Box 2702 in 6049 ZG Herten, the Netherlands (=excellent hard copy QSL) or by e-mail: frs@frsholland.nl

Please realize next Sunday Wintertime will be replaced by Summertime!

FRS-HOLLAND Programme Schedule for Sunday March 31st 2019 . . .

We are looking to have your company upcoming Sunday.....!

(via Manuel, WOR iog via DXLD)

FRS is audible here at 1310 UT with a weak signal on 7700 and fair on 5800. 73s (Dave Kenny, Caversham Berks, AOR7030 + 25m long wire, Mar 31, bdx-news iog via DXLD) WRMI also testing on 5800 --- q.v.

** FRANCE. New transmissions of Radio France International from Mar 31

<https://swldxbulgaria.blogspot.com/2019/03/new-transmissions-of-radio-france.html>

(Ivo Ivanov, SWLDBulgaria News March 26-27, DX LISTENING DIGEST)

Viz.:

Radio France Int with new language Fulfulde from April 6

1300-1330 on 13720 ISS 500 kW / 200 deg to WeAf Fulfulde Sat/Sun

1700-1730 on 13720 ISS 500 kW / 200 deg to WeAf Mandingo Sat/Sun

1730-1800 on 13720 ISS 500 kW / 200 deg to WeAf Fulfulde Sat/Sun

??????????? ?? Observer ? 3:36 PM (via DXLD)

** GERMANY. 6070, 1300 UT - Radio Channel 292 very strong into UK playing 70s music - Including Nazareth - This Flight Tonight, and David Bowie - Space Oddity (Remixed). The remix sounded like there was a channel missing (just left or right), although perhaps it was remixed to sound like that on purpose? (Martyn Jago, UK, April 4, WOR iog via DXLD)

Channel 292's website at <http://www.channel292.de/> is showing that the transmitters on 6070 on 7440 will both be off-air from 15 April to 26 April (presumably for transmitter or antenna maintenance). (Alan Roe, Teddington, UK, WOR iog via WORLD OF RADIO 1976, DXLD)

** GERMANY. Variable signal from shortwaveradio.de into Netherlands (Utwente) and England on 3975 today and yesterday 1030 UT onwards.

Occasionally armchair, 70s 80s music - Stafford's World with Mark Stafford. Enjoyable content, which included Adrian Gurvitz - Classic, and Captain Beefheart - Bluejeans and Moonbeams.

Today appeared to be a rerun of yesterday's content (apart from the news which is piped in from FSN on the hour). (Martyn Jago, UK, April 3, WOR iog via DXLD)

** GERMANY. Fair signal of New Shortwave Radio for Europe, April 3 0700-1800 on 6160 WIS 001 kW / non-dir to NWEu English Daily <https://swldxbulgaria.blogspot.com/2019/04/germany-fair-signal-of-new-shortwave.html> (Ivo Ivanov, SWLDXBulgaria News April 2-3, DX LISTENING DIGEST)

** GERMANY. 9610.003, AWR Italian language Sunday only program. Separate 100 kW unit at MBR Nauen (not ALLISS 500 kW powerhouses in service) Also S=9+10dB signal in Moscow, Russia. 0954 UT March 31. Italian talk of 'Senegalese issue matter mentioned...' (Wolfgang Bueschel, March 31, dxldyg via DXLD)

** GREECE. 9420, April 2 after 2000, VOG poor signal but almost suffices for napmusic, until chopped off air abruptly at 2020*, whenever they get around to it regardless of programming in progress (Glenn Hauser, OK, DX LISTENING DIGEST)

** GUATEMALA. 4055, Radio Verdad at 0611 UT March 30 with a very long sign off announcement in English and various other languages. National Anthem also very long to off at 0622. Very Good (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

4055, April 3 at 0629, S9+10 of open carrier which TGAV has not yet

turned off; why? (Glenn Hauser, OK, DX LISTENING DIGEST)

** GUINEA. Guinea on 9650 --- R. Guinee, Conakry with great clear signal this afternoon with W. African vocals, male DJ in French. 2130 on. SINPO 45544 (John Figliozi, Sarasota FL, Eton Grundig Exec Sat., Sony AN-LP1, March 29, WOR iog via DXLD)

9650 with great signal from KiwiSDR in Edmonton from 2304 tune with 2-3 men talking in vernacular (interesting dialogue with a man talking excitedly and 1 or 2 others just making one word answers or short comments); SINPO 45544 - no QRM from Korea here. Stringed indigenous music at 2312 and quickly back into discussion. Guinea off abruptly at 2318.5 as noted from KiwiSDR in Edmonton (Bruce Churchill, CA, ibid.)

[and non]. Well, what used to be totally in the clear, now has a potential problem on its top side.

9650 - GUINEA - R. Guinee, Conakry with 2 OM discussing the issues of the day in French at 2128. SINPO - 33333. QRM de Algeria via Issoudun 9655:

9655nf - ALGERIA(non), R. Algiers via Issoudun, FRANCE at 2128 with Koran reading in Arabic to 2135, then OM in Arabic with several mentions of Algeria. SINPO - 44334 (John Figliozi, FL or NY, April 3, WOR iog via DXLD)

** GUINEA [and non]. GUINEA/SAUDI ARABIA, Radio Guinée and BSKSA General Service on 9650 kHz, April 4
0600-2400 on 9650 CON 050 kW / non-dir to WeAf French Radio Guinée Conakry, good
0850-1800 on 9650 RIY 100 kW / non-dir to N/ME BSKSA General Sce, ex Holy Quran:
<https://swldxbulgaria.blogspot.com/2019/04/radio-guinee-and-bsksa-general-service.html>
(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

** INDIA. 9445, All India Radio; 2143-2201+, 3/30; W in English with Bollywood music including Hindiscat!; ToH ID into English headlines; Badminton finals in Delhi. SI0=453+ (Harold Frodge, Midland MI, USA, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST)

Changes noted to AIR External Services from today (New frequencies)

0215-0300 Pushtu 11560

0300-0345 Dari 11560

1215-1330 Tibetan 9445

1430-1930 Urdu 6140

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur

Radio, Hyderabad, India, Mobile: +91 94416 96043
<http://www.qsl.net/vu2jos> March 31, dx_india yg via DXLD)

ALL INDIA RADIO A 19 SCHEDULE UPDATES (1 April 2019)
Changes to All India Radio (Timings in UTC)

External Services (New frequencies):

0000-0045 Tamil 13695 (ex 13795)
0100-0200 Sindhi 7380
0215-0300 Pushtu 11560
0300-0345 Dari 11560
0400-0430 Farsi 11560
0430-0530 Arabic 11560
1215-1330 Tibetan 9425 (ex 9445)
1430-1930 Urdu 6140
1515-1615 Gujarati 15185 (ex 15175)
1515-1615 Swahili 9950
1615-1730 Hindi 9950
2300-0000 Hindi 13695 (ex 13795)

For latest updated A 19 schedules please check in the links given below:

1) External Service Time Wise:

<http://qsl.net/vu2jos/es/time.htm>

2) External Service Language Wise:

<http://qsl.net/vu2jos/es/Language.htm>

3) Complete SW service in Frequency order :

<http://qsl.net/vu2jos/sw/freq.htm>

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, DXLD)

ALL INDIA RADIO A-19 frequency requests, Mar 31-Oct 27, 2019

5965 0445 1015 41N JAM 50 0 700 Mu1
5985 0415 1145 41E RAC 50 160 700 Mu1
5990 0045 0200 41NW DEL 250 312 706 SinDhi
6000 0415 1045 41NW LEH 10 130 700 Mu1
6020 0200 1230 41N SIM 50 169 700 Mu1
6030 0145 0230 41N DEL 250 102 106 Mu1
6030 1200 1530 41N DEL 250 304 701 Mu1
6040 0415 1115 41E JEY 50 27 700 Mu1
6045 1415 1930 41NW DEL 100 282 106 Urd
6045 2230 0045 49,50,54 DEL 250 132 216 Eng
6065 0415 0945 41NE KOH 50 15 700 Mu1

6085 0445 1030 41NE GTK 10 180 700 Mul
6100 0845 1200 41N DEL 250 312 706 Hin #
6110 0215 1115 41N SRI 50 200 700 Mul
6140 0000 0430 41N ALG 250 282 146 Urd
6145 0000 0430 41N ALG 250 282 146 Urd
6145 0815 1145 41N ALG 250 282 146 Urd
6150 0415 1000 41NE ITA 50 30 700 Mul
6165 1215 1600 41NW DEL 250 334 706 SndBal

7210 0215 1215 41E KKT 50 180 700 Mul
7230 0415 1130 41NE KSG 50 150 700 Mul
7240 0415 1215 41W MUM 50 90 700 Mul
7250 0815 1145 41N,42S DEL 100 334 101 Urd
7270 0945 1215 41SE CNI 100 0 700 EngTam
7270 1245 1500 41SE CNI 100 0 700 Sin
7270 2345 0430 41SE CNI 100 0 700 TamSin
7280 0415 1145 41NE GUW 50 130 700 Mul
7290 0215 1045 41S TVD 50 160 700 Mul
7295 0415 1115 41NE AIZ 10 36 701 Mul
7315 0415 1045 41NE SHG 50 76 700 Mul
7325 0515 1115 41NW JAI 50 90 700 Mul
7335 0215 1000 41NE IMP 50 160 700 Mul
7340 0000 0430 41SW MUM 100 10 701 Urd
7340 0815 1140 41SW MUM 100 10 701 Urd
7340 1215 1600 41SW MUM 100 10 701 Snd
7350 0115 0230 42S DEL 250 124 706 Nep
7380 0045 0200 41NW BGL 400 300 216 Snd *
7380 0245 1145 41S CNI 50 0 700 Mul
7390 0300 1045 49SW PBL 10 147 700 Mul
7420 0215 1145 41S HYD 50 125 700 Mul
7430 0215 1115 41N BHO 50 102 700 Mul
7440 0415 1045 41N LKW 50 72 700 Mul
7505 1600 1830 39,40 PAN 250 300 156 Mul
7520 0000 0430 41N DEL 250 304 711 Urd
7520 0645 0800 41NE DEL 250 124 710 Nep
7520 1415 1930 41N BGL 500 325 216 Urd *
7550 1730 2230 27,28 BGL 500 300 216 Mul
7550 2230 0045 49,50,54 BGL 500 90 216 Eng
7555 0115 0230 41NE DEL 100 65 700 Mul *
7555 1200 1600 41N DEL 100 65 101 Mul

9380 0045 0435 41S ALG 250 188 146 Hin
9380 0815 1200 41S ALG 250 188 146 Hin
9380 1230 1745 41S ALG 250 188 146 Hin *
9445 1600 1945 37,46 DEL 250 282 218 Mul
9445 1730 2230 27,28 BGL 500 325 216 EngHin
9445 2230 0045 43-45 BGL 500 38 216 Eng
9575 1200 1330 42S,43SW BGL 500 38 216 Bod

9595 1600 1715 19,29 DEL 250 312 216 Rus
 9620 0045 0200 41NW DEL 250 304 711 SinDhi
 9620 0815 1145 41N ALG 250 282 146 Urd
 9620 1215 1600 41N ALG 250 282 146 SinBal
 9620 1600 2045 38E39-40 ALG 250 282 216 Mu1
 9635 0045 0200 41W DEL 250 282 146 Snd
 9690 1315 1500 49,50,54 BGL 500 90 216 Eng
 9705 2230 0045 49,50,54 PAN 250 120 157 Eng
 9800 0115 0300 41N,42S BGL 500 38 216 Mu1
 9810 1100 1245 41495054 PAN 250 120 157 TamTel
 9865 0010 0435 41N BGL 500 38 216 Hin
 9865 0845 1200 41N BGL 500 38 216 Hin
 9865 1230 1740 41N BGL 500 38 216 Hin
 9910 0200 0345 40E DEL 250 312 217 PusPrs
 9910 1245 1500 41SE DEL 250 124 141 Sin
 9910 1600 1715 19,29 DEL 250 312 216 Rus
 9910 1730 1945 48SW,53W BGL 500 240 216 Eng
 9910 2030 2230 49,50,54 BGL 500 120 216 Eng
 9910 2245 0015 49,50,54 BGL 500 120 216 Hin
 9910 2345 0045 41S DEL 100 174 106 Tam *
 9940 0645 0800 41N,42S DEL 100 102 701 Nep
 9940 0815 1140 41N DEL 100 342 701 Urd
 9940 1200 1315 49NW BGL 500 60 216 Mya
 9950 0115 0230 49NW BGL 500 60 216 Nep *
 9950 0645 0800 41N,42S DEL 100 102 701 Nep
 9950 0815 1200 27,28 DEL 100 342 101 Urd #
 9950 1200 1315 27,28 DEL 100 132 146 Mu1 #
 9950 1500 1730 48SW,53W BGL 500 240 216 SwaHin
 9950 1730 2230 27,28 DEL 250 312 216 Mu1 #

 11560 0200 0345 40E BGL 500 325 216 Mu1 *
 11560 0345 0530 40E BGL 500 300 216 Mu1
 11560 0815 1145 41N DEL 250 304 141 Urd
 11560 1300 1600 40E BGL 500 325 216 Mu1
 11560 1600 1715 40E BGL 500 325 216 Rus
 11580 1730 1945 40E ALG 250 282 146 Eng
 11590 2245 0115 49,50,54 PAN 250 120 157 HinTam *
 11620 0000 0430 41N BGL 500 320 216 Urd
 11620 0645 0800 42S DEL 100 102 106 Nep
 11620 1200 1430 42S,43SW PAN 250 25 215 Mu1
 11620 1315 1500 49,50,54 BGL 500 120 216 Eng *
 11620 1315 1500 49,50,54 DEL 250 132 218 Eng
 11620 1500 2230 48SW,53W BGL 500 120 216 Eng
 11620 1600 1715 19,29 BGL 500 335 216 Rus
 11620 1730 1945 48SW,53W BGL 500 240 216 Eng *
 11620 2030 2230 55,58-60 BGL 500 120 216 Eng
 11645 2230 0045 43,44,45 DEL 250 65 218 Eng *
 11670 0345 0530 38E-40W BGL 500 300 216 FasAra

11670 1100 1200 49,50,54 BGL 500 90 216 Tha
 11670 1730 2230 27,28 BGL 500 325 216 Mul
 11710 1200 1315 49NW DEL 250 102 218 Mya
 11710 1600 1730 38-40 DEL 250 282 218 Fas
 11710 1730 2045 38-40 DEL 250 282 218 AraFra
 11740 0200 0345 39NE,40 PAN 250 300 156 PusDar
 11740 2030 2230 55,58-60 PAN 250 120 216 Eng
 11780 1245 1500 55,58-60 DEL 250 174 207 Sin
 11840 0300 0415 39,40W DEL 250 282 157 Hin
 11845 1130 1315 43,44 DEL 250 65 216 Zho
 11935 1730 1945 48SW,53W MUM 100 240 216 Eng
 11985 2345 0115 41SE DEL 250 174 207 TamSin
 12025 1600 1830 39,40 PAN 250 300 157 HinMal

13605 0945 1100 43-45 BGL 500 38 216 Eng
 13605 1500 1730 48SW,53W BGL 500 240 216 Mul
 13640 1500 1600 48SW,53W BGL 500 240 216 Guj
 13640 1600 2045 37,46 BGL 500 300 216 Mul *
 13645 1100 1200 49 BGL 500 90 216 Tha
 13695 0200 0300 39 BGL 500 300 216 Mul
 13695 0300 0415 38,39 BGL 500 300 216 Hin
 13695 0945 1100 55,58-60 BGL 500 120 216 Eng *
 13695 1100 1245 49,50,54 BGL 500 120 216 TamTel
 13695 1500 1600 38,39 BGL 500 240 216 Guj
 13695 2245 0045 49,50,54 BGL 500 120 216 HinTam *
 13750 2030 2230 55,58-60 BGL 500 120 216 Eng

15030 0200 0300 42E,43 BGL 500 300 216 Mul
 15030 0300 0415 39 BGL 500 300 216 Hin
 15030 1130 1315 43,44 BGL 500 60 216 Zho *
 15050 1100 1215 41S DEL 250 174 211 Tam
 15050 1245 1500 41S DEL 250 174 211 Sin
 15120 0300 0530 48SW,53W BGL 500 240 216 HinGujHin
 15140 1600 1715 19,29 BGL 500 325 216 Rus
 15185 0300 0530 48SW,53W BGL 500 240 216 HinGujHin
 15185 1500 1600 48SW,53W PAN 250 205 216 Guj *
 15210 0345 0530 40 PAN 250 300 158 FasAra
 15410 0945 1100 43E-45 BGL 500 60 216 Eng
 15410 1100 1200 49 PAN 250 120 157 Tha
 15770 0830 0945 54 PAN 250 120 216 Ind
 15770 0945 1100 54 PAN 250 120 216 Eng
 15770 1100 1245 49,50,54 ALG 250 132 216 TamTel

17510 0830 0945 54 BGL 500 120 216 Ind
 17510 0945 1100 55,58-60 DEL 250 132 216 Eng
 17670 1730 1945 48SW,53W BGL 500 240 216 Eng
 17705 1130 1315 43-45 BGL 500 38 216 Zho
 17715 0300 0530 48SW,53W DEL 250 245 216 HinGujHin

17870 0830 0945 54 BGL 500 120 216 Ind
17895 0945 1100 55,58-60 BGL 500 120 216 Eng *
DRM mode. * recent changes.hfcc.org March 20)
(via Wolfgang Bueschel, dxldyg via DXLD)

9949.808, AIR Delhi Kingsway(?) in Nepali, S=9+5dB in Doha Qatar,
typical subcontinental sweet ladies singer group, at 0724 UT.

11619.773, AIR Delhi Kingsway(?) in Nepali, S=8-9 in Doha Qatar.
Doha Qatar remotely access installation log: [selected SDR options,
span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX
TopNews April 1, dxldyg via DXLD)

** INDIA. Reception of All India Radio in DRM Bengaluru on March 26:
2045-2230 on 7550 BGL 500 kW / 320 deg to WeEu English GOS-4 Ch-1
2045-2230 on 7550 BGL 500 kW / 320 deg to WeEu Ragam Mx prgr Ch-2

<https://swldxbulgaria.blogspot.com/2019/03/reception-of-all-india-radio-in-drm.html>
(Ivo Ivanov, SWLDBulgaria News March 26-27, DX LISTENING DIGEST)

AIR DRM --- Confermato anche questo servizio per il periodo estivo. Si
acclude solo screenshot, audio assente nonostante il segnale 9+20.
Questo È il difetto principale del DRM: non si può fare valere
l'esperienza riuscendo a cavare dai segnalini analogici i contenuti
della trasmissione perché, nel caso specifico dei segnali digitali, si
ascolta soltanto un forte rumore fruscante. Condizioni di lavoro:
Yaesu FRG-7 e antenna dipolo. Downconverter autocostruito.
73 a tutti de (Giovanni Lorenzi -- ITALIAN AMATEUR RADIO STATION I T 9
T Z Z, April 1, bclnews.it yg via DXLD)

AIR 7550 kHz --- C'È una possibilità che offre il DRM, direi proprio
il vantaggio che dovrebbe invogliare le stazioni ad usarlo. Si tratta
della capacità di poter trasmettere diversi programmi sulla stessa
frequenza, utilizzando cioè la stessa portante a radiofrequenza e
modulandola con differenti segnali digitali. Ne È un esempio la
trasmissione di All India Radio su 7550 kHz dalle 1730 alle 2230.
L'emittente manda in onda sia il programma in lingua inglese che il
servizio in Urdu. La commutazione tra un servizio e l'altro avviene
semplicemente tramite il software di gestione della ricezione DRM, nel
mio caso il DReaM. Davvero una significativa rivoluzione nell'ottica
del contenimento dei costi. Il mio unico dubbio sta nel considerare il
numero di ascoltatori potenziali di AIR che possano avere a
disposizione la tecnologia indispensabile a fruire dell'innovazione
tecnologica descritta. Allegati i due screenshot e l'annuncio dei due
servizi citati in ottima qualità.

Condizioni di lavoro: ricevitore Yaesu FRG-7000 e antenna dipolo.

Downconverter 455/12 kHz progettato e auto costruito.

<https://www.webalice.it/it9tzz/>

tutte le realizzazioni/Convertitore per DRM 2. 73 a tutti de (Giovanni Lorenzi, ITALIAN AMATEUR RADIO STATION I T 9 T Z Z, bclnews.it yg via DXLD)

Google translations of above two items:

AIR DRM --- This service is also confirmed for the summer period. Only screenshots are included, no sound despite the 9 + 20 signal. This is the main defect of the DRM: the experience cannot be asserted by managing to extract from the analogical markers the contents of the transmission because, in the specific case of digital signals, only a strong rustling noise is heard. Working conditions: Yaesu FRG-7 and dipole antenna. Self-made downconverter. 73 to all de (Giovanni Lorenzi - ITALIAN AMATEUR RADIO STATION I T 9 Z Z, April 1, bclnews.it yg via DXLD)

AIR 7550 kHz --- There is a possibility that DRM offers, I would say the advantage that should entice stations to use it. This is the ability to transmit different programs on the same frequency, i.e, using the same radiofrequency carrier and modulating it with different digital signals. One example is the broadcast of All India Radio on 7550 kHz from 1730 to 2230. The broadcaster broadcasts both the program in English and the service in Urdu. Switching between one service and another is done simply via the DRM reception management software, in my case the DReaM. A truly significant revolution in terms of cost containment. My only doubt is to consider the number of potential AIR listeners who can have the technology available to take advantage of the described technological innovation. Attached the two screenshots and the announcement of the two services mentioned in excellent quality.

Working conditions: Yaesu FRG-7000 receiver and dipole antenna.

Downconverter 455/12 kHz designed and built car. [auto = self not car]

<https://www.webalice.it/it9tzz/> all the achievements / Converter for DRM 2. 73 to all de (Giovanni Lorenzi, ITALIAN AMATEUR RADIO STATION I T 9 Z Z, bclnews.it yg via DXLD)

** INDIA [non]. Trans World Radio India on unscheduled 9330, March 31 1315-1445 in various langs and 1500-1600 Sat/Sun in Hindi & English, instead of registered 9300 -- 73! (Ivo Ivanov, Bulgaria, March 31, DX LISTENING DIGEST)

re Yerevan Gavar [ARMENIA] technicians frequency FAULT keyboard punch? Yes, heard TWR interval signal on 9330 kHz also, between 1305 and 1315 UT I guess. 73 wb (Wolfgang Bueschel, ibid.)

Re: Trans World Radio India on unscheduled 9330 kHz, March 31:
Today TWR India is again on 9330 at 1315, instead of 9300 (Ivo Ivanov,
1513 UT April 1, dxldyg via DXLD)

Okay, thanks Ivo, I guess the Gavar technician realized that their
powerful 300 kW TX unit doesn't match properly on the lowest 31
meterband channel of 9300 kHz, so they made a late move +30 kHz little
higher on 9330 kHz now.

Both S=9+35dB signals in eastern Thailand remote unit:
9330 even kHz TWR India via Gavar site, 1330 UT April 1, 1315-1600 UT
on various languages during each day of the week different, see nice
Aoki Nagoya database list. 300 kW TX and curtain antenna of #238 ITU
type, AHR(S)4/8/1.0 mean 4 rows horizontal dipoles, 8 lines vertical
dipoles, 1 = height above the ground in wavelengths, HR = a reflector
behind.

And a similar service in 31 mb too, came across of 9910 kHz even, TWR
India too, also via Gavar Yerevan site, at 1345 UT April 1st. Awadhi
language on Mondays, acc Aoki Nagoya database list, Mondays 1345-1400
UT. 73 wb (Wolfgang Bueschel, ibid.) See also ARMENIA

** INDONESIA [and non]. Greetings Ron! How great we were co-listening.
I tuned into the VOI after contemplating the Korean-Peninsula signals
I was going to observe. Upon tune-in on my Benmar Nav. 555A Dfinf
receiver about 1353z or so, I was amazed at the good - naw...
superb opening from them and the music being played as well as the
lady in English, "...our English Language program..." (etc.)! I made
a recording, and if you did also, please direct me to it and I will
dub it and combine our receptions into a stereo file - Asilomar on the
right channel and Keeler-Inyo County on the left, or something like
that! Then of course, I will put up a notice of how to hear it for all
DXLDers.

I'd guess the 3325 VOI was easily a few-more S-units stronger on peaks
here around 1400 than usual-- something maybe like your normal
beach-side reception would be - hi! Near "armchair" on the 555A
loop-stick. I tuned them in on my Drake SSR-1 short wire antenna and I
could hear audio but the low-level AC-line crud from town here was far
worse than the 555A mag-loopstick radio. If I can arise early again
this week I will check the other RRI station. Tnx. too, Ron, for the
40mb ~7290 report!

Oh yeah: On SW you hear the local/regional news that one would have to
dig hard for on the Internet, if at all! When I was a kid in the 70s,
by what other medium could a kid tune a dial 5 turns and hear 50
nations and gain a global overview!?! Pax... 73 - (Steve McGreevy, --
N6NKS - www.auroralchorus.com -- March 26, WOR iog via DXLD)

[Edited Message Follows] [Reason: location info. addition]

Decent sigs on the Benmar 555A DFing loop-stick toward near-sunrise this morning, upon my 1352z tune-in with soft music -- almost "Island style" and then a second more Indonesian-sounding song. A man in English (~1357) also gave the frequency "3325" and FaceBook contact info, -- "... our program for today.." - "The Voice of Indonesia to the World..." and final soft-farewell tune, then a lady in unID language began at about 1400 with another ID ... "Voice of Indonesia" and contact info. "FaceBook" (etc.). 3320 KRE about the same strength (not // 2850 KRE stronger and a bit distorted again) this morning (27 March).

3325 VOI had somewhat lower modulation-levels compared to 3320 KRE just below them. The ever ongoing 3326 "W34D" fast-CW beacon was in heterodyning the VOI again, also. I located via Google Earth where Palangkaraya is in south-central Kalimantan Province on south Borneo Island(!) but I doubt I could locate their antennas without getting their coords... rx: Benmar Navigator 555A w/ shielded rotatable DFing loopstick. 73 (Steve McGreevy, -- N6NKS - www.auroralchorus.com, WOR iog via DXLD)

3325, Voice of Indonesia, via RRI Palangkaraya, on March 30, at 1124. In Chinese with decent signal; unable to hear anything from NBC Bougainville. Thanks very much to Steve McGreevy for IDing "The ever ongoing 3326 "W34D" fast-CW beacon," which in fact is very annoying QRM for 3325 reception (Ron Howard, Ocean Beach [San Francisco], CA, CR-1, antenna: 100' long wire, WOR iog via DXLD)

3325, Voice of Indonesia, via RRI Palangkaraya, on April 2, from 1305+, noted only a carrier here with no audio (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via DXLD)

Edited Message Follows] [Reason: additional sentence]

Hi Ron, The same here - by sunrise at about 1345z the (open) carrier from presumed 3325 VOI is very strong and now without the ~3326 "W34D" CW beacon heterodyning their open-carrier, noted also on 02 and 03 April. Noted quite stronger than KRE 3320 about dawn time here, also.

It does seem that this 3325 OC is stronger than they have been earlier in March. I wonder if this is a power or ERP increase, or just better propagation of late (Steve (Keeler, Calif. / no. Mojave Desert and Benmar Navigator 555A DFing rx.), -- N6NKS - www.auroralchorus.com WOR iog via DXLD)

3325, Voice of Indonesia, via RRI Palangkaraya, on April 4, checking

at 1205 (NBC Bougainville just cut off after the sports news in English, leaving frequency clear to hear VOI carrier), 1234 & 1304. All times found with just a carrier (no audio); this is the third consecutive day with no VOI audio.

3325, Voice of Indonesia, via RRI Palangkaraya, on April 5, checking 1049+ and found only a carrier with no hint of any audio (Ron Howard, Asilomar State Beach, CA, EtŮn E1, antenna: 100' long wire, WOR iog via DXLD)

** INTERNATIONAL. BEGINNER'S CLASSROOM FOR April 2019 --- Joe Robinson, VA3MRE --- Some Information on Shortwave Programs about Shortwave/Media

As there are fewer and fewer programs about radio listening on shortwave, I thought it might be good to give a short synopsis of some of the more reliable DX/Media offerings that can be heard. Please note that times for these programs can change regularly (see the note on Glenn Hauser's website at the end of this column for more info).

World of Radio: Glenn Hauser prepares and hosts this DX program with up-to-the-minute information on stations heard, broadcasters operating via relays, and stations that may be or are leaving shortwave (and some that are appearing for the first time). You can access World of Radio via the Internet at www.worldofradio.com. Glenn's weekly program can be heard via various broadcasters, including WRMI on Tuesdays at 2030 hours on 7780 kHz, and on Thursdays at 0100 UTC on the same frequency.

Wavescan: Dr. Adrian Peterson has been editing and hosting this half-hour DX program for decades, and he always has interesting and informative topics, as well as DX news from around the world. Dr. Peterson utilizes the studios at Adventist World Radio, and you can e-mail him at qsl@awr.org. You can hear Wavescan via WRMI at various times, notably Saturdays at 0030 UTC on 7730 kHz and at 2230 UTC on 9955 kHz.

Allan Weiner Worldwide: The owner of WBCQ (The Planet) hosts his own radio show which is aired on Saturdays at 0000 UTC on 7490 and 9330 kHz. Allan's program is a combination call-in show, amateur radio discussions and shortwave tips and info. There used to be re-broadcasts of his program on WBCQ, but I haven't heard of any other time for airing lately.

DXers Unlimited: For many years Arnie Coro has written and hosted this program from Radio Havana Cuba. Known for his call sign C02KK, Arnie has a twice-weekly program devoted to what is happening in the world of amateur radio, shortwave radio, and other timely topics to radio

listeners. The best times in North America to hear DXers Unlimited are on UTC Sundays at 2210 on 9720 kHz or UTC Mondays at 0010 on 5040 kHz, and mid-week UTC Wednesdays at 0030 on 5040 kHz or later 0130, 0230 and 0330 on 6000 and 6165 kHz.

DX Mailbag: This short five-plus minute program from Radio Romania International focuses first on the frequencies/days used for RRI's various broadcasts. This is followed by some DX news, a particular issue, or an upcoming special date in Romania. The best times to listen to DX Mailbag in North America are on UTC Saturdays at 2340 hours on 7325 and 9620 kHz, and on UTC Sundays at 0140 hours on 6130 and 7325 kHz.

SW Radiogram: Hosted by Dr. Kim Andrew Elliott, this program transmits digital text and images on an analog shortwave broadcast transmitter. Topics on the program include such items as NASA testing communications systems, how the atmosphere is extended from earth, and various items of interest to SW listeners about digital modes and communication. The best times to hear SW Radiogram are UTC Fridays from 2030 hours on WRMI 7780 kHz, and Sundays at 2330 UTC on the same WRMI frequency.

Shortwave Panorama: IBC Radio (Italian Broadcasting Corporation) was aired via WRMI on Saturdays at 0130 UTC on 7780 kHz. The program gives loggings from various places, but unfortunately the program I listened to on March 9th was a repeat of a Christmas program, where the host wished everyone a Merry Christmas with the Star Wars Theme playing in the background (seriously!). According to Glenn Hauser IBC Radio has been discontinued on shortwave, at least for the time being. I would assume that WRMI had been playing older editions of the program.

Viva Miami: This 15-minute program airs both in English and in Spanish from WRMI, and contains everything from letters from listeners to music to DX news, interesting information and travel features. Viva Miami airs several times each day, so to find out when it is being broadcast go to www.wrmi.net and look up their time/frequency charts. If you would like a more detailed version of when various DX programs are aired on shortwave (and elsewhere), go to Glenn Hauser's World of Radio website at <http://www.worldofradio.com> and click on the link to DX/SWL/Media Programs. Glenn updates this page regularly (ODXA Listening In via DXLD)

**** INTERNATIONAL INTERNET. AM and FM Radio stations around the world, THIS IS FANTASTIC**

Lots of uses: Can be used to help if you are trying to ID a station for radio DXers. If you are into other languages or maybe listen to your homeland? Not in real time. If you are checking a big city

increase the screen size and in the lower right it will give you choices. This was a lot of work for somebody. Listen to what's going on in the rest of the world.

The green dots on this Google Earth represent a radio station anywhere in the world. Click on any one of the dots and you will immediately listen to that station with very good sound. I especially liked Dublin, halfway up Ireland's east coast, with Irish pub music. Any of you who are multi-lingual will certainly enjoy this.

<http://radio.garden/live/toulouse/radiopresence>
(birdice56, March 31, DX LISTENING DIGEST)

I keep getting ``unexpected error`` as RG tries to ``plant`` (gh)

** INTERNATIONAL VACUUM. Geostationary Satellites (freqs in GHz):

In the 'let's try to find the silver lining' event of the month, a blip/power surge/random cosmic ray somehow managed to erase the memory of my satellite receiver on the morning of the 24th.

I now have to 'start over' programming it, but hey, maybe that will lead to me finding new stuff! Yeah, what a royal pain d'azz as they say. Ah well, I decided to 'start at the bottom and work up' so I'll be reporting what English is heard/seen as I scan the satellites in the Clarke Belt from east to west. I only got two birds this trip, but I will keep 'plugging away' at it over the next few months! And remember, this is only the stuff in English -- well -- MOSTLY in EE. But bear in mind that there are LOTS of 'free to air' channels in other languages out there too!

Radio:

55.5°W Intelsat-34 3.940 GHz Horizontal/5422 Msps. BBC WS audio feeds. eight streams:

SID 13903/Audio	PID 6622	BBC Amer	EE
SID 13910/Audio	PID 6692	BBC News	EE not //to 6622
SID 13916/Audio	PID 6752	Arabic	
SID 13952/Audio	PID 7112	"APM"	EE //to Amer 6622
SID 13995/Audio	PID 7542	Amer Feed 1	EE //to Amer 6622
SID 13996/Audio	PID 7552	Amer Feed 2	Chinese
SID 13997/Audio	PID 7562	Amer Feed 3	"Channel not in use"
SID 13998/Audio	PID 7572	Amer Feed 4	"Channel not in use"

55% and steady, all streams were QPSK S2/MPEG2 1600-1615 24/Mar

58°W Intelsat-21 4.160 GHz Horizontal/26590 Msps NHK Radio three feeds, but two have different programmes on L/R channels:

SID 0051/Audio	PID 1520	NHK Radio 1-L	Japanese
SID 0051/Audio	PID 1520	NHK Radio 2-R	various (Persian)
SID 0061/Audio	PID 1620	NHK Radio 3-L	various (Bengali)

SID 0061/Audio PID 1620 NHK Radio 4-R various (Persian)
SID 0071/Audio PID 1720 NHK Radio 5 various (IS/ID only)
53% and steady, all radio streams were QPSK/MPEG2 1600-1615 24/Mar

TV:

58°W Intelsat 21 4.160 GHz Horizontal/26590 Msps NHK World two feeds:

SVC 0011/VID 1160 SD625 576i SD QPSK/MPEG2

SVC 0021/VID 1260 HD60 1080i HD QPSK/H.264

both //, and showing "Grand Sumo Highlights" which sadly did NOT have any female Sumo wrestlers. This is a strangely compelling sport to watch! Each match takes like 15 seconds! 53% and steady 1230-1240 24/Mar

95°W Galaxy 3C 4.000 GHz Horizontal/30000 Msps. ABC (American Broadcasting Corporation [sic]) Network feeds. Five streams: Still here as reported in February even though there are five MORE feeds on Galaxy 16 shown below. 0255 23/Mar

99.2°W Galaxy 16 4.120 GHz Horizontal/30000 Msps. ABC (American Broadcasting Corporation [sic]) Network feeds. Five streams:

Svc ID 001 ABC-1 ET feed

Svc ID 002 ABC-11 CT/MT feed? Color bars only

Svc ID 003 ABC-7 PT feed?

Svc ID 004 ABC-5 ET feed too - perhaps meant for CT?

Svc ID 005 iDummy 1i same as ET feed...

69% and steady, this and all feeds were 720p, 8PSK modulation, H.264 compression, 0230-0235 23/Mar (Kenneth Vito Zichi, Port Hope MI, DX LISTENING DIGEST)

** IRAN. 13735, April 2 at 1340, YL speaking, S4 with flutter. HFCC shows nothing but VIRI in Russian, 1320-1420, 500 kW, 336 degrees from Sirjan. One of few signals on band besides Cuba (Glenn Hauser, OK, DX LISTENING DIGEST)

7270, VoIRI, Sirjan; 0015z holy Qur'anic recitations, M in possible Arabic with announcements, brief instrumental stringed instrument music, piano music theme to 0021z*. UNLISTED, although Iran has used this frequency throughout the years. Fair-Good (Steve Wiseblood, RGV TX, 4/4, WOR iog via DXLD)

?? It is in HFCC A-19 as French to W Africa, 2320-2420, 500 kW, 255 degrees from Sirjan (gh, DXLD) Same as in B-18 per WRTH

IRIB in English: The Mullahs have no problem reporting in detail about the people ousting their hated president if it's in a different country, viz., Algeria. 5 Apr 2019, 1932 UTC, 9855 - 55544 // 9750 - 43433 (both from Sirjan) (Eike Bierwirth, Germany, WOR iog via WORLD

OF RADIO 1976, DXLD)

** IRAN [non]. 12005, April 1 at 1418, SW Asian music S7-S8, from Radio Farda, eastward from Woofferton at 13-18 (also Lampertheim at 11-13) (Glenn Hauser, OK, DX LISTENING DIGEST)

** IRELAND [non]. Romania? 7290, Presumed IRRS from 1905 tune on 31 Mar [Sunday] with song iStronger Than Meî by Amy Winehouse. At 1910 into a feature program in English about African-American females with a man interviewing a woman. At 1915 the program suddenly quit in mid-sentence followed by a tone for a few seconds and then the carrier went off at 1915.5. Xmtr problems? This program is scheduled until 2000 (Bruce Churchill, CA, Sunday March 31, WOR iog via DXLD) This program is scheduled 18-19 summer & 19-20 winter (Ivo Ivanov, ibid.)

** JAPAN. Broadcasters group wants costly AM radio to be abolished
KYODO NEWS KYODO NEWS - 12 hours ago - 13:58 | Arts, All,
Lifestyle

<https://english.kyodonews.net/news/2019/03/9079d4a77a72-japan-broadcasters-group-requests-govt-to-abolish-am-radio.html>

The Japan Commercial Broadcasters Association on Wednesday urged the government to allow them to abolish costly AM radio by 2028 amid falling revenues.

Many broadcasters are struggling to maintain both AM and FM radio services. "Resolving the overlapping investment for AM and FM radio services is essential," an official of the association said in a meeting held by the communications ministry.

The association also called on the government to take measures to conduct an experiment to stop broadcasting AM radio in some areas in around 2023.

If the government approves the necessary legal change, FM complementary broadcasting, currently used for fringe areas of AM radio and as a disaster countermeasure, could be standardized as FM radio while AM radio services are terminated in most areas of Japan.

Although FM radio can be broadcast with simple facilities, it does not have the range of AM radio. If FM radio becomes the main radio service, broadcasters will need to install a lot of relay stations and some listeners may have to buy new radios.

Since there are areas where AM radio is seen as more efficient, the association also asked the government to allow them to maintain parallel use in some areas.

One communication expert who attended the meeting said it is important to allow people to listen to radios as usual even in times of disaster.

The Ministry of Internal Affairs and Communications will decide on the system revision based on discussion of the panel. Mar 27, 2019 | KYODO NEWS (via Mike Cooper, WORLD OF RADIO 1976, DXLD)

Japanese broadcasters call for end to mandatory AM radio due to cost and lack of listeners --- The Japan Times March 28, 2019

Japanese commercial broadcasters on Wednesday proposed a revision to the broadcast law that would allow them to ditch AM radio broadcasting due to issues over cost amid a decline in listenership.

The Japan Commercial Broadcasters Association asked the communications ministry to implement a system revision by 2028 in order to allow radio broadcasters to focus on FM broadcasting. Under the law, broadcasters are obliged to broadcast on both AM and FM.

The request, made at a meeting of a panel of experts at the ministry, reflects the heavy burden placed on broadcasters stemming from updates to facilities and other forms of investment at a time when radio stations' advertising revenues are diminishing as the number of listeners falls.

Full article here:

<https://www.japantimes.co.jp/news/2019/03/28/national/japanese-broadcasters-call-end-mandatory-radio-due-cost-lack-listeners/>

(via Mike Terry, WORiog via WORLD OF RADIO 1976, DXLD)

** JAPAN [and non]. 3945, Nikkei 2/Echo of Unification. 1255+ 27 March. The North Korean just mumbling in the background of RN2's bouncy programming this morning (Dan Sheedy, Moonlight Beach, CA, Eton/Grundig "Executive Satellit"/6m X wire, DX LISTENING DIGEST)

** JAPAN. 5006 & 8006, JG2XA, being heard daily, as of April 4, with just a carrier (no CW yet). Wonder when Keisuke Hosokawa, at the University of Electro-Communications, will start his CW transmissions? Sent off an email inquiring as to the status of his tests (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** JAPAN [non]. 9625, April 1 at 1420, Japanese lesson for English with arpeggios, as NHK 1400-1430 is now here, due west from PALAU. Ignore all the South Africa listings on 9625 still in HFCC A-18 (Glenn Hauser, OK, DX LISTENING DIGEST) QSY to 9605 April 13 (gh)

** JAPAN [non]. NHK Radio Japan English from 31 March

At the end of the NHK Radio Japan English half hour on 6155 this morning (0500-0530 26 March), they announced frequency changes from Sunday 31st March:

0500 UT 5975 (MOS) 9860 (SMG) and 11970 (TAC)
1100 UT 11695 (SNG)
1400 UT 9450 (TAC) and 9625 (HBN)

(transmitter sites added per HFCC A19: HBN Palau; MOS Moosbrunn; SMG Santa Maria di Galeria; SNG Kranji; TAC Tashkent)

Hope reception of 5975 will be as good as current 6155 at 0500 which is faultless! 73, (Alan, Caversham, UK, Pennington, bdx-news iog via WORLD OF RADIO 1976, DXLD) wb version says 11970 at 05 is instead FRANCE (gh, ibid.)

** JAPAN [and non]. NHK Radio World, Radio Japan, A-19 season, as of March 29

[AFGHANISTAN/AUSTRIA/BANGLADESH/France/GERMANY/INDIA/INDONESIA/
IRAQ/KURDISTAN/LITHUANIA/MADAGASCAR/MYANMAR/PALAU/PALESTINE/RUSSIA/
SINGAPORE/TAJIKISTAN/TANZANIA/THAILAND/U.A.E./USA/
UZBEKISTAN/VATICAN STATE/WEST BANK]

NHK World - Radio Japan Tokyo - March 31, 2019 - October 27, 2019.
A-19 summer season file, according NHK World Radio Japan leaflet.

Foreign language and Japanese Services

<https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf>
(via Wolfgang Bueschel, dxldyg via DXLD)

Includes numerous FM relays in several countries mixed in with relatively few SW frequencies. English SW portion:

English

0500-0530 EUR 5975mos-AUT
0500-0530 AF/EaAF/SoAF 11970iss-F__
0500-0530 AF/EaAF/SoAF 9860smg-VAT

1100-1130 SoEaAS 11695sng-SNG

1400-1430 SoWeAS 9450tac-UZB
1400-1430 SoEaAS 9625pal-PAL KHBN site
(via gh, WORLD OF RADIO 1976, DXLD)

** KOREA NORTH [non]. Japan Govt Plans to Support Radio Broadcasts for Abductees

Tokyo, April 2 (Jiji Press) -- The Japanese government is considering supporting the operating costs of radio broadcasts run by a civic group for Japanese citizens abducted by North Korea, Chief Cabinet Secretary Yoshihide Suga said Tuesday.

The group, called Investigation Commission on Missing Japanese Probably Related to North Korea, or COMJAN, has been calling for state support since it added to shortwave frequencies for its "Shiokaze" (Sea Breeze) programs sending messages and information to the abductees.

The government "is considering responding (to the state subsidy request) as far as the budget conditions allow," Suga told a press conference. "We're determined to make all-out efforts to resolve the abduction issue," he stressed. (2019/04/02-18:58)

To read a full story, please click here to find out how to subscribe.
<https://jen.jiji.com/jc/eng?g=eco&k=2019040200882>
(via Mike Cooper, DXLD)

** KOREA NORTH [non]. JAPAN/TAIWAN/MONGOLIA "Shiokaze", "Furusato no Kaze" and "Nippon no Kaze. March 25-31 actual week [so now outdated?]
<<http://www.rachi.go.jp/jp/shisei/radio/index.html>>

Furusato no kaze - schedule

1330-1357	PA07295 kHz 300 kW	TAI9705 kHz 300 kW	HBN9965 kHz 100 kW
1430-1500	PA07295 kHz 300 kW	TAI9560 kHz 300 kW	HBN9960 kHz 100 kW
1600-1630	PA06045 kHz 300 kW	TAI9690 kHz 300 kW	HBN9975 kHz 100 kW
1700-1730	PA06155 kHz 300 kW		

Nihon no kaze - schedule

1300-1330	PA07295 kHz 300 kW	TAI9705 kHz 300 kW	HBN9965 kHz 100 kW
1500-1530	PA07290 kHz 300 kW	TAI9800 kHz 300 kW	HBN9975 kHz 100 kW
1530-1600	PA07290 kHz 300 kW	TAI9800 kHz 300 kW	HBN9965 kHz 100 kW
1630-1700	PA06155 kHz 300 kW		

March 25-31 Furusato no kaze, Nihongo/Japanese, actual week:
<http://www.rachi.go.jp/media/wms/vod/rati/h30dai52/20190325_j.wma>

Nihon no kaze, - actual week, in Korean:
<http://www.rachi.go.jp/media/wms/vod/rati/h30dai52/20190325_k.wma>

"Shiokaze" start in 2005 year.

<<https://www.chosa-kai.jp/siokaze>>

Start at that time, entrusted to the British broadcast distribution company "VT Communications" (companies that are delivering international for broadcasting of NHK).

Transmission is broadcast via a third country of transmission facilities from the UK. Now in 2018/2019 ENC - Encompass Digital Media Services, replacing Babcock-UK ...

Changes in domestic transmission (Ibaraki Prefecture Koga KDDI (Ltd.) Hachi transmitting station) from October 29, 2007.

This section will inform you of information on the shortwave "Shiokaze" for North Korea that started broadcasting from 2005.Oct.30 to rescue all abductees.

This program is run and produced by a campaign from everyone. Let's send a powerful radio wave to North Korea with hot feeling all over Japan! Thank you for your support and cooperation.

<<http://senryaku-jouhou.jp/shiotsuu.html>>
please translate into English

JSR Shiokaze (Sea-breeze), broadcast via Ibaragi-Koga Yamata, Japan site

Broadcast time: Every night 1300 to 1400 UT
Frequency: 5935 kHz, 5965 kHz 300 kW 5985 kHz 100 kW many frequencies
Broadcast language: Japanese, Korean, Chinese, English.

Mediumwave 1431 kHz 1300-1400 UT Korean/Japanese 500 kW
150degr azimuth sidefire 8-mast directional antenna
{former Radio Moscow-USSR installation of mid-80ties}
from Choibalsan Mongolia site.

Broadcast time: Late every day from 1405 to 1435 UT
Frequency: 5935 kHz, 7325 kHz 300 kW 5985 kHz 100 kW many frequencies
Broadcast language: Japanese, Korean, Chinese, English.

Broadcast time: Late every day 1600 to 1700 UT
Frequency: 5915 kHz, 6090 kHz, 6165 kHz 300 kW many frequencies
Broadcast language: Japanese, Korean, Chinese, English.

<<http://senryaku-jouhou.jp/JSR.html>>
<<http://www1.s2.starcat.ne.jp/ndxc/stn5.htm>>

"Why Yamata transmitters can not broadcast the program of
"Furusato no Kaze"?"

Currently 3 programs "Shiokaze", "Furusato no Kaze" and "Nippon no Kaze" are broadcast towards North Korea from VT Communications, and only "Shiokaze" is transmitted from Ibaragi-Koga Yamata, Japan. Why Yamata transmitter can not send the message of "Furusato no Kaze" towards North Korea?

Japanese law on broadcasting says only NHK can broadcast "international service". And government controlled the license of broadcasting - it is quite difficult to get the permission (license) of broadcasting promptly.

At the opening announcement of Shiokaze, they announce call sign as JSR. Exactly speaking, JSR is not call sign for "general" radio stations.

Shiokaze got a license for "special utility broadcast" - same as Traffic Information Service Radio on 1620 kHz - not for "general broadcast".

In the case of "Furusato no Kaze", they get neither the license of "utility broadcast" nor "general broadcast". And NHK reject the proposal of Japanese government to broadcast "Furusato no Kaze" within the program of Radio Japan. Thus Ibaragi-Koga Yamata transmitter can not send message of "Furusato no Kaze." (via Roger Thauer-D, A-DX ng March 30 via BC-DX 31 March via DXLD)

5920 // 6070, Shiokaze/Sea Breeze, *1300-1400*, April 1. Thanks to an alert at "Now On The Radio" website, for the very first time I heard them broadcasting on two frequencies simultaneously; 5920 is a very poor frequency assignment for them, due to a strong Voice of Freedom already being on frequency, along with the usual N. Korea jamming of VOF; whereas 6070 is a very good choice, as it is a clear frequency. My 5920 audio, with one minute of Voice of Freedom, then Shiokaze QRM (sign on), at <http://bit.ly/20D4ifD>
My 6070 audio is at <http://bit.ly/2F0vLZ4>

5980 // 6090, Shiokaze, *1405-1435*, April 1. With 5980 being rather a poor frequency choice, due to New Zealand already being on frequency, so they mix together; whereas 6090 is a much better choice, as only light CNR2 QRM. My 6090 audio at <http://bit.ly/20Euq90>
(Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via DXLD)

Thank you for your report. I had them MIA this morning and wondered

where they went. Kudos to you for finding them so fast! (Rick Barton, April 1, ibid.)

JAPAN, Summer A-19 schedule of JSR Shiokaze Sea Breeze on 2 freqs in parallel:

<https://swldxbulgaria.blogspot.com/2019/04/jsr-shiokaze-sea-breeze-on-2.html>
(Ivo Ivanov, SWLDBulgaria News April 2-3, DX LISTENING DIGEST) Viz.:

1300-1400 on 5920 YAM 300 kW / 280 deg to NEAs // 6070 YAM 300 kW / 280 deg to NEAs
1300-1330 Chinese Mon; Japanese Tue/Sat/Sun; Korean Wed/Fri; English Thu; 1330-1400 Korean Wed/Fri-Mon; Japanese Tue; English Thu

1600-1700 on 5935 YAM 300 kW / 280 deg to NEAs // 6165 YAM 300 kW / 280 deg to NEAs
1600-1630 Chinese Mon; Japanese Tue/Sat/Sun; Korean Wed/Fri; English Thu; 1630-1700 Korean Wed/Fri-Mon; Japanese Tue; English Thu

Furusato no Kaze in Japanese Daily via JSR Shiokaze Sea Breeze also on 2 freqs in //

1405-1435 on 5980 YAM 300 kW / 280 deg to NEAs // 6090 YAM 300 kW / 280 deg to NEAs
?????????? ?? Observer ? 4:26 PM (via DXLD)

6070, JAPAN, Shiokaze, Ibaragi-Kota-Yamata; 1345z W in Japanese talking over light piano music to 1359z, Closing announcements by W in JP, brief piano/chime IS to 1400* S/off Fair reception (Steve Wiseblood, RGV TX, 4/1, WOR iog via DXLD)

5980, JAPAN, Shiokaze/Sea Breeze station (presumed the one now at): 1405. Barely heard under strong RNZI broadcast. There was a report of a // freq. 6090 in use, but nothing heard there. (I could detect there was a station on the channel, but I could hear even less than what was on 5980). Recheck at 1430 did reveal a W in Japanese for a few moments - Poor Apr 2 - New frequencies were logged by Howard (CA), and Wiseblood (TX), and first seen by me in DXLD.

6070, JAPAN, Shiokaze/Sea Breeze station (new frequencies) at 1300. Opening right on the money, new frequency and with new // (both in terms of frequency and having //) on 5920. Woman in Japanese over familiar soft piano music at opening. 5920 // Good, with light CCI. I confirm it here in AZ; heard tnx to reports from S. Wiseblood (TX) and R. Howard (CA) via DXLD - Very Good Apr 2 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000), RS SW-2000629, with various outdoor wires; ATS-909X and 9' garden stake antenna. 73 and Good Listening.....! -rb, WOR iog via WORLD OF RADIO 1976, DXLD)

April 3. What happened to Shiokaze today? No // frequencies! 5920, at 1316+, was their only frequency; very strong Voice of Freedom QRM. No 6070 today.

6090, at *1405, was their only frequency; mixing with CNR2. No 5980 today, so very good reception of New Zealand. What will happen tomorrow (Thursday), when they are in English? (Ron Howard, California, WOR iog via WORLD OF RADIO 1976, DXLD)

6070, April 3 at 1302, Shiokaze/Sea Breeze allegedly here via JAPAN, maybe the slight fast SAH on CFRX which is always a few Hz to the low side. Ron Howard called 6070 a 'clear' frequency for Shiokaze, April 1, maybe in California but certainly not here. And S/SB has started running a second frequency, 5920 clashing with another clandestine for NK, Voice of Freedom! There I can't make out anything from one or two weakies. However, today April 3, Ron says S/SB was *not* on 6070 at 1316, just colliding on 5920; what about tomorrow with English? (Glenn Hauser, OK, DX LISTENING DIGEST)

6070, Thursday April 4 at 1348, two carriers making fast SAH, CFRX vs Sea Breeze, JAPAN, as I can almost recognize its earnest YL in English; as Ron Howard reports, presumably // on 5920 vs Voice of Freedom, which are VP here. At 1405 I am hearing CFRX only on 6070-minus (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

Re: Shiokaze on new 5920 // 6070 (*1300-1400*) and 5980 // 6090 (*1405-1435*)

April 4 (Thursday) - Shiokaze back to having both 5920 // 6070, at *1300, in English; strong VOF QRM on 5920, while 6070 was a clear frequency, per my audio today at <https://app.box.com/s/ktjbxwxiiganzd911hqjb2h8o583zzzfpo> (Ron Howard, California, WOR iog via WORLD OF RADIO 1976, DXLD)

** KOREA NORTH [and non]. Errata: "3901" should be "3910" above, (i.e. KOR 3910 is // 4457 is // 6600 on the audio programming amidst the KRE jamming.)

The ~4630 (and around) "motorboat" buzz OTH-b signal, seems to be at 100 degree azimuth, and its apparent fade-out propagation at my local near-sunrise was very similar to 5000 WWV slow fade-out at my SR and after, indicating that perhaps the OTH-b signal originates to the EAST-SOUTHEAST likely. Map plots into central New Mexico and into C. Texas also. Hmmm... (Steve McGreevy, -- N6NKS - www.auroralchorus.com, WOR iog via DXLD)

Hey Ron, Long time, no chat. How are you? Here's the new Echo of

Unification schedule, from April 1:

7am-9am, 1pm-3pm, 9pm-11pm KST [22-24, 04-06, 12-14 UT]
on 6250, 5905, 3970 kHz and 97.8 MHz, 97 MHz, 89.4 MHz
(Martyn Williams, Mar 27, WOR iog via DXLD)

Hi Martyn, Greetings from California. Thanks for the updated info.
Will Echo of Unification on 6250 now be mixing with Echo of Hope - VOH
there?

BTW - I'm impatiently waiting for National Unity Radio, on 6045 to
move off that frequency. The very strong N. Korea jamming there is
also well heard down on 6035 causing severe QRM for BBS (Bhutan),
before BBS closes down about 1140 UT (Ron Howard, *ibid.*)

[Edited Message Follows] [Reason: additional sentence added]
Hello Ron and Marytn, Thank you both for the additional Korean Pen.
info. about all of this. This will help compile a list larger than I
had myself attempted and had posted here at WOR a couple of days ago.

It seems the 75 mb jammers are up in numbers as well this year, as I
receive at local dawn in eastern CA.

By the way, earlier this morning locally (after 1403 UT) after 3325
VOI completed their English broadcast, I stopped for a spell on 4557
// 6600. The 4557 jamming was even more intense with a "siren-like"
two-tone jammer atop the buzz/hash jammers on that frequency.
Conversely, 6600's audio was atop the jammers by far (between 1403 to
about 1415). There are so many "Voices of" broadcasts going that it
would be very helpful if somebody in KOR could compile a listing for
us! Tnx again, (Steve McGreevy, WOR iog via DXLD)

WRTH has them listed on pages 514-516. There will be a few fq changes
for the A season, but not many. Best regards, (Mauno Ritola, *ibid.*)

And additionally, what with all of the "Voices of" and "Echo(es) of"
KOR/KRE transmissions, long ago at Point Reyes, California (North
Beach) in the early 80s, the 1053 KRE "echo-back" jammer" transmitted
back the audio of the 1053 "Voice of Unification" from KOR. The result
was a very eerie mixture of "Voices" and Echoes" being echoed all
around - hi! The 1982 brief audio file I have of this is at:
https://archive.org/details/TheBestOfHawaiiMediumwaveamBroadcast-bandDx-86To91/1053_korean_echo-jammer_mixture_07nov1982_point_reyes_mcgreevy.mp3

(That reception via a terminated 250m NW Beverage on the sand and into
the surf (at high tide). I made another recording of more standard
(warble) jamming on 1053 as heard during my trip to China in Nov.
2013, so I assume it is still ongoing... -s- (McGreevy, *ibid.*)

1053 kHz was closed some years ago (Mauno Ritola, ibid.)

** KOREA NORTH [non]. UZBEKISTAN, Radio Free North Korea via RED Telekom Tashkent, April 1:
1200-1300 11520 TAC 100 kW / 076 deg NEAs Korean, good, ex 15630 A-18
<https://swldxbulgaria.blogspot.com/2019/04/radio-free-north-korea-via-red-telekom.html>

UZBEKISTAN, Voice of Wilderness via RED Telekom Tashkent on April 1:
1330-1530 7625 TAC 100 kW / 076 deg NEAs Korean, fair, ex 7615 A-18
<https://swldxbulgaria.blogspot.com/2019/04/voice-of-wilderness-via-red-telekom.html>

UZBEKISTAN, North Korea Reform Radio RED Telekom via Tashkent April 1:
1430-1530 11570 TAC 100 kW / 076 deg NEAs Korean, vy good ex 7580 A-18
<https://swldxbulgaria.blogspot.com/2019/04/north-korea-reform-radio-red-telekom.html>
(Ivo Ivanov, SWLDBulgaria News April 1/2, DX LISTENING DIGEST)

** KOREA SOUTH. 4885, Echo of Hope - VOH, 1240-1257, April 2 (Tuesday). "Easy English" program, in English and Korean; good reception; "Isaac" as one of the announcers; these programs are podcasts and today was the "Saturday" show (wrong day), which was a review of the week. My audio at <http://bit.ly/20Hwii4>
(Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via DXLD)

** KURDISTAN [non]. 11530, 31/Mar, 2006, UNID Voice of Welat in new schedule? I do not believe. The signal is very good here for me, when the Voice of Welat almost did not arrive. HFCC indicates REE, but it definitely is not:

11530	1900	2300	46,47,52,57	NOB	200	161	0	212	23456
310319	261019	D	Spa	E	REE	REE	3987		

Still broadcasting at 2028
WIN_20190331_17_06_38_Pro.mp4

(Jorge Freitas, My Blog: <https://dxlogfreitas.blogspot.com/>
Feira de Santana Bahia 12°14' S 38°58' W - Brasil, Tecsun PL-310ET,
Antenna Delta Loop, WOR iog via DXLD)

Denge Welat, same as A-18
0230-0500 on 9525 ISS 250 kW / 090 deg to WeAs Kurdish
0500-0600 on 11530 ISS 250 kW / 090 deg to WeAs Kurdish
0600-1500 on 11530 KCH 300 kW / 130 deg to WeAs Kurdish

1500-2100 on 11530 ISS 250 kW / 090 deg to WeAs Kurdish
(Ivo Ivanov, Bulgaria, ibid.)

Thanks, Ivo. A tremendous change in propagation this afternoon. This year never got here in my QTH with that signal quality. 73 (Jorge Freitas, ibid.)

** KUWAIT. Reception of MOI Radio Kuwait in DRM mode on March 27
0945-1325 on 15109.7 KBD 250 kW / 310 deg to WeEu Arabic Gen.Sce
<https://swldxbulgaria.blogspot.com/2019/03/reception-of-moi-radio-kuwait-in-drm.html>
(Ivo Ivanov, SWLDBulgaria News March 26-27, DX LISTENING DIGEST)

** KUWAIT. MOI Radio Kuwait in DRM mode and AM mode on March 27
0500-0800 on 11969.8 KBD 250 kW / 100 deg to SoAs English DRM
1553-1600 on 15539.8 KBD 250 kW / 310 deg to WeEu Arabic GSce
1600-1800 on 15540.0 KBD 250 kW / 100 deg to SoAs Urdu
1800-2100 on 15539.8 KBD 250 kW / 310 deg to WeEu English DRM

<https://swldxbulgaria.blogspot.com/2019/03/moi-radio-kuwait-in-drm-mode-and-am.html>
(Ivo Ivanov, SWLDBulgaria News March 26-29, DX LISTENING DIGEST)

Radio Kuwait DRM --- Confermo un ottimo segnale, potente e qualitativamente apprezzabile di Radio Kuwait in un programma in lingua araba il 1 aprile 2019 alle 1125 UT su 15110 kHz, in attesa di ricevere lo schedule generale delle trasmissioni in DRM, da vagliare poi molto attentamente. Allegati screenshot e clip audio. 73 a tutti de (Giovanni Lorenzi -- ITALIAN AMATEUR RADIO STATION I T 9 T Z Z, bclnews.it yg via DXLD)

[and non]. 5960even, ASC, Radio Ndarason International, in Kanuri language, 0527 UT S=8-9 or -79dBm, BUT little 124 Hertz BUZZ sideband heterodyne tone of odd Radio Kuwait signal of adjacent 5959.876 kHz.

15515even, Radio Kuwait, Arabic sce to NE/ME/CeAsia 59degr azimuth, S=6 only fair signal in WeEUR, but

15529.706, Radio Kuwait, English sce, at 0627 UT, powerful S=9+10dB signal in AM mode, 20 kHz wideband audio block, stn ID given as MW 963 kHz AM band, 90.3 MHz at local Kuwait state. via remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD))

Reception of MOI Radio Kuwait in AM mode & DRM mode April 3
till 0745 5959.8 KBD 250 kW / non-dir to N/ME Arabic, ex till 0630UT
0500-0800 11969.8 KBD 250 kW / 100 deg to SoAs English DRM, very good
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-moi-radio-kuwait-in->

am.html

(Ivo Ivanov, SWLDBulgaria News April 2-3, DX LISTENING DIGEST)

Reception of MOI Radio Kuwait Gen.Sce in DRM mode, April 4
from 1329 on 15109.7 KBD 250 kW / 310 deg to WeEu Arabic, extended
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-moi-radio-kuwait-gensce-in.html>

(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

** KYRGYZSTAN. 4010.23, 1720-1725 3.4, Birinchi R, Krasnaya Rechka, Kyrgyz conversation, 55444. Best 73, (Anker Petersen, Denmark, what I heard recently in Skovlunde on the AOR AR7030PLUS with 28 metres of longwire, wbradio yg via DXLD)

** KYRGYZSTAN. 5130, Voice of Life (Sedaye Zindagi)/Sound of Life. Confirmed on 15/3 at *1450-1750* in presumed Dari, prepared by Pamir Ministries (a member of World by Radio group where are TWR, FEBA, IBRA etc.) (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant), April ARDXC Australian DX News via WORLD OF RADIO 1976, DXLD)

** LATVIA [and non]. Radio Center will be on the air this March last time on their historical frequency AM 1485 before completely moving to NEW frequency AM 1602 from Riga, Latvia:

March 1st from 3-5 UT (6-8 MST) with their special 27 Years Anniversary program & March 27 & 28th from 1900-2059 UT (22:00-23:59 MST) with very special programs for NRB (National Religious Broadcasters) Convention attendees.

Radio Center Moscow, a pioneer of Religious broadcasting in Russia, has been granted a license for operating a powerful AM transmitter in Riga, Latvia to deliver Christian programming in RUSSIAN language into every RUSSIAN community in Eastern Europe, including Russia proper--during a time when the Russian Government has restricted the rights of many Christian groups. Due to growing restrictions and governmental interference, Radio Center is moving from Moscow to Riga while keeping our radio studio in Moscow. Our NEW frequency on AM dial is 1602 kHz.

In February 2019 Russian lawmakers backed a bill aimed at isolating the country's Internet from the rest of the world to secure it in the event of a cyber attack or other threat. The creation of this 'red button'^a that gives the State more ways of disconnecting the country from the global network could further isolate Russians from the rest of the world. As a result, only conventional radio waves can reach our listeners in Russia!

OUR MINISTRY NEEDS ARE:

NEW AM TRANSMITTER

NEW ANTENNA (a location in Latvia close to Russian State border)

STUDIO & BROADCAST EQUIPMENT

PRODUCTION COSTS

ELECTRICITY BILLS

We invite you to partner with us. Together we can make a difference in this world by preaching the Gospel through the airwaves to reach Russian-speaking people! Please contact us at www.radiocenter.net (Andrey Nekrasov / <https://www.facebook.com/groups/wrthgroup/>) (via RusDX 31 March via DXLD)

** MADAGASCAR. Last minute frequency change of WCB KNLS Madagascar

World Voice:

1900-2000 NF 9845 MWV 100 kW / 355 deg to EaEu Russian tx#3, ex 9690 to avoid

at same time 9690 NOB 200 kW / 290 deg to ENAm Spanish R.Exterior de España!!

<https://swldxbulgaria.blogspot.com/2019/03/last-minute-frequency-change-of-wcb.html>

(Ivo Ivanov, SWLDBulgaria News March 29, WORLD OF RADIO 1976, DX LISTENING DIGEST)

Schedule MWV in Russian (A-19). Konstantin Chernushenko sent a message: Our schedule has changed, at 1900 UT there will be a frequency of 9845 kHz for the Russian transfer from Madagascar. Now the schedule will look like this:

UTC / kHz

1800-1900 - 11885 kHz

1900-2000 - 9845 kHz

(Dmitry Kutuzov, Ryazan, Russia / ideneb-radio-dxî) (via RusDX 31 March via DXLD) Maybe the JBA 9845 carrier here April 4 (gh, DXLD)

[and non]. 11790 kHz - TERRIBLE MIXTURE - of both signals at 0557 UT, S=7 or -81dBm co-channel:

RFI Paris in Swahili to Central/East Africa via MGL0B Talata

Volonondry Madagascar relay facility; and also

NHK Radio Japan, via Ibaragi-Koga Yamata, Japan, in Russian language towards Central Siberia and Russia Far East region. Via remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD))

Reception of Madagascar World Voice in 22/25/31mb Apr 2

African Pathways Radio

1800-1900 13670 MWV 100 kW / 310 deg to WeAf English tx#3, very good
KNLS New Life Station

1800-1900 11885 MWV 100 kW / 355 deg to EaEu Russian tx#2, very good

1900-2000 9845 MWV 100 kW / 355 deg to EaEu Russian tx#3, very good

Radio Feda

1900-2000 11965 MWV 100 kW / 355 deg to N/ME Arabic tx#2, very good
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-madagascar-world-voice-in.html>

(Ivo Ivanov, SWLDBulgaria News April 2-3, DX LISTENING DIGEST)

** MALI. 5995, Radio Nacional du Mali at 2255 UT March 25 with African highlife music and announcements. Many mentions of Mali. Very Good (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

5995, March 27 at 0612, R. Mali finally audible in this daypart: poor S3-S4 of African language; Cuba off 6000 already.

5995, March 27 at 2359, African song, S9+20 but ACI; some widely-spaced tones maybe own timesignal? Or from 5990/6000 Cuba; by 0000 March 28, 5995 is off (Glenn Hauser, OK, DX LISTENING DIGEST)

5995, Radio Mali, Bamako, on air now, 1857 [sic], with English program. Link to my recording, Mali, 5995 kHz English program from 1757 to 1811 UT 30-03 [time must be one hour early! .wav, 21.9 MB 1857-1919 gh]
<https://my.pcloud.com/publink/show?code=XZCWj67Z4qga00moJaRLAixxKLHr97DD0juV>
(via Manuel M  ndez, Lugo, Spain, Sat Mar 30, WOR iog via dXLD)

5995, Radio Mali, Bamako *0554-0630, 28-03, music, anthem, tuning music, ID at 0600: "Vous   coutez l'Office de Radiodiffusion Television de Mali   mettant de Bamako. Nous   mettons en ondes courtes dans la bande de 49 m  tres, 5995 kHz, 61 m  tres, 4835 kHz, 60 m  tres, 4783 kHz. Pour le district de Bamako et ?? nous   mettons en modulation de fr  quence dans la bande de ??? MHz, pour la ... nationale... MHz pour ... l'Office de Radiodiffusion Television de Mali,   mettant de Bamako", vernacular, French, program iORTM Matin  , news, comments, iORTM, la passion du service publique  , iVous   coutez la Radio Nationale de Mali  , African songs. 35433. (M  ndez)

Also 1850-1915, 30-03, African songs, ID iLa Radio Nationale de Mali  , at 1857 Saturday English program: i...Welcome to our weekly magazine... comes to you at 1850 UTC...  , iThe end of today's magazine.. we will be back next Saturday...  . End of English program at 1911.

9635, Radio Mali, Bamako, 1712-1802, 26-03, vernacular comments, female, mentioned "Bamako", "Mali", African songs, tuning music and identification at 1801 ID: "Vous   coutez l'Office de Radiodiffusion Television de Mali   mettant de Bamako. Nous   mettons en ondes courtes dans la bande de 49 m  tres, 5995 kHz, 61 m  tres, 4835 kHz, 60 m  tres, 4783 kHz. Pour le district de Bamako et ?? nous   mettons en

modulation de fréquence dans la bande de ??? MHz, pour la ... nationale... MHz pour ... l'Office de Radiodiffusion Television de Mali, Émettant de Bamako.". 43433 (Manuel Méndez, Lugo, Spain, Log in Lugo, Fiol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

Manuel, Your catch and your description of Mali's frequency announcement is very interesting to me. I collected some of AOKI's frequency lists and I looked the tropical frequencies of 4835 kHz and 4783 kHz. 4835 was mentioned lastly in the A08 season in 2008 while I hadn't found 4783 kHz. Personally I never had an opportunity to hear Mali on these frequencies here in Hungary. It seems to me that the ORTM does not update its frequency announcements. Maybe the flow of time stopped there. Is it possible that they broadcast the same 30-40 year-old news too? o:) (Tibor Gaal, Budapest, Hungary, WOR iog via DXLD)

The 1991 WRTH I have handy lists 4783 with 100 kW, no 4835 (gh, DXLD)

5995.000V, April 1 at 0550, R. Mali is already on with song of lament in French, S9 and best heard yet. 0556 apparent switch to IS repeating; 0557 military-band NA, sign-on in French I copy partially vs distraxions, including ``Ici l'Office de Radiodiffusion Télévision du Mali, Émettant de Bamako,`` and decades-outdated frequency list including 4783 and another on 60m! And 92 MHz FM (four-score and twelve). With BFO, frequency wavers very slightly. By 0602 is in non-French, probably Bambara. Anker Petersen, Denmark, has reported this on 5995.02, such as March 25 at 2120, but again I think his measurement is way off. Please calibrate (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

5995, Radio Mali, Bamako, *0605-0800*, 02-04, vernacular comments, African songs, at 0700: iBonjour il est sept heures, le journalí. news, French, ID iRadio Malií, vernacular. 35433. (Méndez)

9635, Radio Mali, Bamako, 1740-1802*, 01-04, vernacular comments, African songs, in French at 1800. Close at 1802 and open on 5995. 43433 (Manuel Méndez, Lugo, Spain, Logs Fiol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** MEXICO. 6185, Radio Educaciôn at 0520 UT March 30 in Spanish with songs by Maru Enriquez, Bacalov Luis Enrique and Rafael Mendoza and with announcements and ID's Off air at 0605 UT. Very Good (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

From April 7 Mexico beyond border towns is finally on DST, UT -5 in CDMX, so 6185 should now close at 0500*v (gh, DXLD)

** MEXICO. Outlaw X Trailer --- I think that my friend Bill Crawford may have a hit record on his hands. Let's see what happens if AMLO decides to utilize XERF 1570 kHz with 250 kW and a skywave antenna system. Then serving as the Mexican Radio Exterior Sky Wave Service reaching its people in the US. Maybe a rebirth of The Sunshine Station Between The Nations. Stay tuned. B M E
<https://m.youtube.com/watch?v=TrKZZ8cPoW4>
(Bruce Earle, April 3, Enviado Desde Mi iPhone, DX LISTENING DIGEST)

Really a movie about the borderblasters for release spring 2020 (gh)

** MEXICO. RAYMIE'S MEXICO BEAT --- March 26-April 5 including DTV

The pirate station in Tizayuca, Hidalgo, is back in the news this week, this time for promoting a pro-life march in the town.
<https://www.jornada.com.mx/ultimas/2019/03/24/marchan-opositores-de-iniciativa-a-favor-del-aborto-en-hidalgo-7582.html>

On Sunday, 500 people for the second day in a row marched through the streets of Tizayuca in opposition to an abortion bill being discussed in the state legislature. The so-called "Blue Wave" demonstrators are hoping to get Morena legislators to back down from the proposal.

Formerly called Radio ...nfasis, "SM Radio" 98.3
<https://www.facebook.com/SM-RADIO-983-FM-1643785452550600/>
is at the center of the controversy for having promoted the march over its air; a local church also advertised the march. As ...nfasis, the station came under fire for promoting a controversial incinerator project.

There is one pending application for a broadcast station at Tizayuca, for Proyecciones con Sentido Social, A.C. (Raymie Humbert, Phúnix AZ, March 26, WTFDA Forum via DXLD)

I thought I'd get an interesting tidbit about a vote against a new religious radio station. I didn't quite get that, but I'll share it anyway.

As I was compiling a list of every religious-associated radio station with a concession in Mexico, I noticed that IFT Commissioner Adolfo Cuevas Teja voted against the award of the station at Ejido Hipólito Landeros (Texistepec), Ver., to be owned by Eulalio Domínguez Soto. I was curious to see if, like in the 2016 case of XHAGP-FM, this had to do with religious involvement, and to read the pre-written vote that he had cast. (An IFT commissioner can, if there is a justified absence, prepare his votes remotely.) Since Cuevas Teja was out for that meeting, I got that pre-written vote list.

http://www.ift.org.mx/sites/default/files/voto_raz_act_35aord_281118_acc_vp.pdf

It didn't. Actually, Cuevas Teja had another reason to vote against the station. He worried that a Class A assignment to that ejido would allow for coverage of additional and larger localities, namely Cosoleacaque and Acayucan, in the statutory 24-km radius. (The station is, by the way, 102.1 XHPEEF-FM, giving us a frequency change to watch for when this ex-102.5 station goes legal.) While Texistepec has 29,199 residents, those two towns have 117,725 and 83,817 inhabitants, respectively. He's voted this way before on several social station awards.

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We also have confirmed information from March 6's meeting transcript on the winners and losers in two permit forests.

In Tulancingo, Hidalgo, one public and one social station were cleared. The public applicant was the Universidad Autónoma del Estado de Hidalgo. The social winner was the first of two applicants to file, Grupo Independiente de Mujeres de Mixquiahuala, A.C., beating out Fortalaetia, A.C.

Montemorelos, Nuevo León, will get a new FM from José Armando de la Cruz Rodríguez. It is the first time FCSM has lost out in some time in a comparative hearing.

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There was also a snack for TV followers: the UMCA updated the virtual channel lists today for the first time since January 25. The update included exactly one new item for virtual channelsóXHCOQ adding 9 as part of its Nu9ve subchannel.
<http://www.ift.org.mx/sites/default/files/contenidogeneral/comunicacion-y-medios/modificacioneslistadocval270319.pdf>
Presumably there's a corresponding multiprogramming list update, but it has yet to appear (Raymie, March 28, *ibid.*)

We need a radio station now.

https://www.diariocambio.com.mx/2019/secciones/metropolis/item/10297-en-san-nicolas-de-los-ranchos-solicitan-estacion-de-radio-para-informar-sobre-el-popocatepetl?utm_source=dlvr.it&utm_medium=twitter

That's what the municipality of San Nicolás de los Ranchos, Puebla, is saying. And they've got reason to want urgency: the town is in the shadow of Popocatepetl, an active volcano. Not only is internet penetration poor, but the town doesn't have shelters or an evacuation

plan, blaming regional civil protection officials. Apparently the town did have a pirate station a decade ago.

Meanwhile, in Chilpancingo, Guerrero, an IFT-4 station snuck up on us. XHPCPG-FM 98.1 is on the air according to one listener who told an Imagen Radio host he listened to them daily in Chilpancingo, <https://twitter.com/pakopotamus/status/1111240074811854855> prompting the host to reply, "I didn't know we were on the air there".

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The multiprogramming update mentioned yesterday is out, and in an unusual event, more subchannels were dropped than added in the last two months.

New: XHCOQ Nu9ve, XHCDO Televisa Sonora (presumably a simulcast of XHAK)

Gone: Subs of XEW0, XHCNL and XHTV for CJ Grand; the 6.2/6.3 subs of XHMTPU

Changed: XEIMT Canal 22.2, to MPEG-2 compression and SD

The drops are for different reasons. Last year, Televisa sold its stake in the shopping channel

<https://www.eleconomista.com.mx/empresas/Televisa-vende-su-50-en-canal-de-compras-Televisa-CJ-Grand-20180313-0044.html>

as part of a review of non-core assets, and it looks like part of the deal was just one more year of broadcast carriage on the Televisa-owned stations. The XHMTPU case is probably a running out of time one as you know, the Multimedios-Telsusa transmission facility on Cerro Zapotecas has been stymied by municipal permitting issues, and MM had already applied for and received an extension to begin service of these subchannels. Last edited by Raymie; 03-28-2019 at 11:07 PM. (Raymie, March 28, *ibid.*)

First on the Mexico Beat: Some Imagen TV Stuff

My map of Imagen Televisión transmitters, handily located at

<http://tinyurl.com/imagentv>

had two items of uncertainty, including the last black pin signifying transmitter site unknown: [illustrated]

That pin is a transmitter that until recently was only known by UMCA listings, XHCTLP-TDT 22 in La Paz, Baja California Sur. Recently, the UCS assigned XHCTLP a folio number 0085733, used initially for the

spectrum concession that covered all 123 transmitters from 2015 and thus the lowest folio number of any Imagen transmitter óand soon after, a tech sheet followed.

XHCTLP-TDT is actually a new pin color on the map now óa heretofore unused shade of blue. The 100 kW ERP facility was put on the same tower as XHBCP-FM and XHBZC-TDT, the stations of the Baja California Sur state government, according to the tech sheet that appeared on March 19

http://rpc.ift.org.mx/rpc/pdfs/85733_190319153924_9010.pdf

after nearly 30 months. (The tech sheet for XHCTNL-TDT Nuevo Laredo

http://rpc.ift.org.mx/rpc/pdfs/98086_190319154022_7209.pdf

now is available, too, after a delay of 26 months. The sheet clarifies that it indeed is the Multimedios site where Imagen TV is mounted.)

There's another curiosity about XHCTLP, but to get there, we first get to look at the IFT's July 2018 authorization for an 18-month extension to the coverage commitments for Imagen.

http://rpc.ift.org.mx/rpc/pdfs/85733_190319154540_4590.pdf

Imagen is required to provide at least a 48 dBu signal in the cities listed in each transmitter's statutory coverage area. There are often multiple localities in this list. For instance, the Tapachula transmitter is required to put in that signal in Tapachula, Huehuet·n, and Motozintla. The Celaya-QuerÈtaro transmitter also must serve Guanajuato, Irapuato, Salamanca, Ciudad Hidalgo, and Morelia (yes, even though Morelia has its own Imagen transmitter).

24 of the Imagen transmitters serve all of their principal localities, of the total of 46 main stations. By this metric, coverage is dreadful. The QuerÈtaro transmitter, for instance, does not serve all localities at 48 dBu, and thus coverage of QuerÈtaro is listed at zero percent.

A more realistic metric is also provided: coverage by Longley-Rice contour. By this, Imagen looks much better. In 27 of 32 states, Imagen TelevisiÙn meets the "30 in 32" rule in which it must cover 30% of the population in each state at a date whose original deadline was March 2018. The states that are coverage laggards include Chiapas, Hidalgo, Michoac·n, Oaxaca, and Veracruz. Each is a large, mountainous state in which more transmitters are needed to fulfill 30% population coverage. Added up, Imagen is serving right now 61.72 percent of the country and 65.13 percent of the population in a statutory Imagen coverage area.

Imagen, however, is running into problems. Some are owed to the fact that it has been a very long time since a new national television network was planned. Siting has been difficult, primarily because some parts of the country are not very safe at this moment. Land

acquisition and rights and permitting processes have also slowed things up. (Multimedios can relate in the case of the latter.) Additionally, it is not always possible to use pre-existing broadcast or telecom transmission sites because of the design of statutory radii of the network. In some cases, shadows will be necessary, and Imagen currently has just one shadow in operation (the one they absolutely needed to serve millions of viewers).

A footnote on page 8 says that XHCTLP suspended operations on January 10, 2018, though the causes are not revealed (Raymie, March 29, *ibid.*)

Three new concessions hit the RPC today.

Radio Comunicaci n Tzacualli, A.C., will bring Hidalgo its third community station, on Jacala de Ledezma's 91.9 (A) XHSCBY-FM.

Radial Humanamente Positiva, A.C., will bring the third community station to Cd. Nezahualc yotl, State of Mexico. They have been assigned the last known available FM frequency in the Mexico City metro, 99.7 (A) XHSCCG-FM, and will have a massive leg up on XHARO and XHNEZ with their Class A signal. The station's signal **will** be restricted to the north and east to a maximum of 100 watts between 320 and 120 degrees. The null protects XHUAH in Pachuca.

The third concession is for a station whose details were already published: XHSCBI-FM 102.9 Villahermosa, Tabasco (Raymie, March 30, *ibid.*)

March 27 updates weren't just for the UMCA.

The UCS released the first updated social station tables in more than 11 months. Bolded awards are so new they have yet to be reported!

New Stations

XHSIAB-FM 107.3 - Un Sonido de Esperanza, A.C., San Felipe de la Pe a, San Juan Bautista Tuxtepec, Oax.

XHSCBV-FM 103.3 - Comunicaci n y Desarrollo Lani Nashi, A.C., San Antonino Castillo Velasco, Oax.

XHZIR-FM 99.3 - Zira o, A.C., Tingambato, Mich. (previously reported)

XHSCBX-FM 105.7 - Abrazando a los Pueblos, Juxtlahuaca, A.C., Santiago Juxtlahuaca etc., Oax. {current pirate station "La Patrona"}

XHSCCI-FM 105.7 - Comunicaci n para el Desarrollo Social de la Comunidad de Pedernales, A.C., Pedernales, Chupio, Parocho, Petembo (Mpio. de Tac mbaro), Mich.

XECSCGU-AM 1620 - Centro de Rehabilitaci n El Olivo, A.C., Guachochi, Chih. (first 7-letter AM callsign, first 1620!)

XHPECO-FM 105.5 - Pamela Verenice García Aguirre, Frontera [Monclova], Coah.
 XHCSAO-FM 89.1 - Voz de Transformación, A.C., San Felipe, BC
 XHCSAP-FM 101.5 - Voz de Transformación, A.C., La Paz, BCS
 XHCSBI-FM 104.3 - Voz de Transformación, A.C., Chilpancingo, Gro.
 XECSAB-AM 1140 - Radio Comunicación Purépecha, A.C., Morelia, Mich.
 XECSAD-AM 1280 - Radio Comunicación Purépecha, A.C., Ptzcuaro, Mich.
 XECSAE-AM 1260 - Radio Comunicación Purépecha, A.C., Zamora, Mich.
 XHCSAF-TDT 10 - Radio Comunicación Purépecha, A.C., Los Reyes, Mich.
 XHCSAL-FM 95.9 - Radio Tonatiuh, A.C., Valladolid, Yuc.
 XHPEFQ-FM 92.1 - Alas para las Palabras, A.C., Saltillo, Coah.
 XHPEAP-FM 93.7 - Ángel María López López, Agua Prieta, La Concordia, Chis.
 XHSPS-FM 89.3 - Asociación Patronal, Industrial, Comercial, Empresarial y Profesional, A.C., San Luis Potosí, SLP
 XHGYC-FM 95.5 - Dabar Radio, A.C., Guadalupe y Calvo, Chih.
 XHPEEC-FM 95.7 - Fomento Cultural Cihuatlán, A.C., Cihuatlán, Jal.
 XHPEAE-FM 93.3 - Fundación de la Radio Cultural, A.C., Río Verde, SLP
 XHRNV-FM 103.7 - Radio Naranjos, A.C., Naranjos, Ver.
 XHPEDN-FM 95.5 - Rate Cultural y Educativa de México, A.C., Puerto Escondido, Oax.
 XHCAT-FM 93.5 - Toskitl, A.C., Catemaco, Ver.
 XHPEFB-FM 100.1 - Valores y Tradiciones de mi Tierra, A.C., Los Ramones, NL
 XHCSBB-FM 97.5 - Lilia Guadalupe Martínez González, Torreón, Coah.
 XHMTM-FM 91.3 - José Armando de la Cruz Rodríguez, Montemorelos, NL
 XHPECJ-FM 94.1 - Grupo Independiente de Mujeres de Mixquiahuala, Tulancingo, Hgo. (Raymie, March 30, ibid.)

Coahuila wasn't the only state this month where the state network agency made public a name change.

In fact, this one got its publication date in the state newspaper on October 11, 2018. It changes Radio Sinaloa to the Sistema Sinaloense de Radio y Televisión (SISIRT), and their domain name has also changed.

<http://sisirt.com.mx/>

Just one little oddity. They don't yet have a TV concession.

The application that the Sinaloa state government filed for a TV station in Culiacán is the third-oldest unadjudicated television station application of 24 remaining at the IFT from the LFRTV era. It was filed December 19, 2007. (When I obtained the permit list last

year, the total was 26, but the UAEH Pachuca TV station and XHFE-TDT have been approved.) (Raymie, March 31, *ibid.*)

Another day, another article about religious radio stations. More civil associations are lining up against the idea of religious radio concessions.

<https://www.jornada.com.mx/2019/04/01/politica/013n3pol?partner=rss>

One interesting comment came from Oscar Moha, who heads up an AC known as Libertad y Dignidad, who says some ministries from other countries come in to set up stations. (This is true ó just look at Voz y Visi n's Chihuahua push, which has resulted in three operating stations at Ju rez, Chihuahua and Delicias.)

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Radio Centro's making news again. Two items came up in this interview with Aristegui Noticias:

<https://aristeguinoticias.com/0104/mexico/propongo-auditorias-para-conocer-cifras-reales-de-audiencias-radio-centro-lanzara-canal-8-en-octubre-aguirre/>
8 for October. XHFAMX is now slated for an October startup from its Villa Alpina site.

More ratings rattling. Francisco Aguirre wants a third-party audit of the ratings services after the ratings accuracy controversy of last year, which was instigated by...other broadcasters against Radio Centro.

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The Facebook page is up.

<https://www.facebook.com/KISS-FM-955-425208764916786/>

The station is now regularly broadcasting (though still on test). And XHPCAR-FM wins the race to be Campeche's first IFT-4 station.

The station site is just 150 meters west of XHIT-XHMAB (Raymie, April 2, *ibid.*)

There's a new Los 40 station in town.

XHGR-FM Xalapa Ver., which was rumored to be relaunching to ring in the new year, became Los 40 Xalapa on April 1.

https://www.facebook.com/pg/Los40Xalapa/posts/?ref=page_internal

It's a return for Los 40 to Xalapa, which once had the format on sister station XHWA (Raymie, April 2, *ibid.*)

What turned out to be the only feather in Acustik's radio cap is now

gone.

Last week, Acustik Michoacán, the Michoacán state network of programming run by Media Group, became Media Group Radio. It also appears, from reading comments on Facebook, that the network has flipped to gruperá music outside of its talk programs.

The changes come 15 months after Acustik Michoacán began online on January 15, 2018 and less than a year since the first FM stations were brought into service. They likely represent a repositioning of the station and, more obviously, the failure of Acustik to take off as a media giant (Raymie, April 3, *ibid.*)

First on the Mexico Beat: #38, #39 and #40 ó The Voice of Transformation

Voz de Transformación, A.C., screamed wolf. Who else applies for stations in La Paz, San Felipe, Chilpancingo, and Zihuatanejo and Lázaro Cárdenas (the last two unassigned*)?

The IFT approved the first three recently, resulting in these stations:

XHCSAO-FM 89.1 San Felipe, BC (AA)
XHCSAP-FM 101.5 La Paz, BCS (B1)
XHCSBI-FM 104.3 Chilpancingo, Gro. (AA)

I theorized this might be more PSR. I was wrong. Actually, it's probably more religion. The legal representative of Voz de Transformación is one Alfonso Abraham Farrera Padilla. His Facebook is terribly uninteresting except for the fact where he mentions he worked at the Barra Nacional de Abogados Cristianos A.C. (National Bar of Christian Lawyers). Makes me wonder...and think we're up to 40 on the religious station count.

*This is because they are in MX groups with other applicants.

In the 2018 PABF, Voz filed for Lázaro Cárdenas on May 8, after Modelo Radiofónico Comunitario para el Desarrollo Integral del Ser Humano, A.C., and before Radio Imagen Guanajuato, A.C. (also filed for TDT); my guess is that Modelo will be selected, unless their long-standing permit app from 2005 is adjudicated instead. Voz was the first to file in Ixtapa-Zihuatanejo, later joined by Radio Lacustre, A.C., and Ventana Radiofónica, A.C. (Raymie, April 3, *ibid.*)

On Monday, XHAUC-TDT went from Milenio to Multimedios. The Telemisión station is now carrying a full Multimedios schedule,
<https://www.facebook.com/jorge.paez.146/posts/2676029429080832>

apparently simulcasting XHMTCH in Juárez. It appears some of the local programs have been updated to reflect the new dual-city focus.

It remains to be seen if Multimedios will acquire XHAUC outright or if subchannels will be broadcast. (Worth noting: Telemisión is part of the AEP, and a concession transfer for XHAUC would be the first time that the AEP has legitimately shrunk since XHK folded.) It's also still unclear what is airing on XHTX in Tuxtla Gutiérrez (Raymie, April 4, *ibid.*)

One less radio station will be on the books.

In a letter dated March 19, the Instituto Nacional de los Pueblos Indígenas informed the IFT that it would surrender its concession for station XHSEB-FM, which was to serve San Sebastián, Chiapas.
http://rpc.ift.org.mx/rpc/pdfs/90804_190403132711_2258.pdf

The reasons are technical. You may remember that XHSEB was intended as a combo service for XEVFS-AM. Earlier this year, according to the surrender letter written by INPI lawyer Martha Yolanda Martínez Hernández, the IFT's technical studies unit informed the INPI that the proposed facilities for XHSEB-FM would have been 45 km away from the reference coordinates for the primary locality of service. A Class AA station, like XHSEB-FM was proposed to be, has a reference distance of 28 km. As such, it could not have provided the service level necessary in the primary locality. In order to do this, the INPI would have needed to spend beyond what it had budgeted for the radio facility, and the agency says that is simply not possible at this time due to the INPI being restructured in the wake of its organic law being passed in December (Raymie, April 5, *ibid.*)

The winds of change continue to blow in the Capital del Mundo, as XHHPC-FM Hidalgo del Parral Chih. has changed names and evidently operators.

The station is now going by Mónica, retaining the romantic format; the station has no social media presence under the new operators. After a Wikipedia edit prompted me to look, it took several more days for material to emerge: a promo for a new "Plataforma Informativa" newscast
<https://www.facebook.com/francisco.ruedatorres/posts/2212396312143174>
on XHHPC featuring the new Mónica logo.

The Wikipedia edit also claimed the station was being run by Sistema Radio Lobo, but this seems to be incorrect. Pako Rueda's post mentions a company known as "Plataforma en Difusión, S.A. de C.V.", which apparently was incorporated last February. It is the operator of XHEFO-FM in Chihuahua Capital, having been paid by the state

government for advertising in November.

http://www.ssch.gob.mx/rendicionCuentas/archivos/FACT_PD120_ASFIXIA%20A02_D1890402.pdf

(Note that Grupo Bustillos is also associated with XHEFO and Humberto Bustillos hosts its afternoon Plataforma Informativa newscast.) The Plataforma Informativa brand also is used on XHPMOC-FM in Ciudad Cuauht moc, which is operationally associated with Gerardo L pez de la Rocha (who also does not appear to be the same person as Jos  Gerardo L pez de la Rocha of Radio Lobo). The general manager, H ctor Gabriel Luj n, has previously been in charge of Radio Viva Villa 730 XEHB (during its Grupo Radio nico ZER days) and Radio Uno 640 XEHHI and once also worked for Lobo. (Confused yet?)

Previously, XHHPC was a Radiorama Pergom station with the Vida Rom ntica format. Parral has been unusually busy in radio news this year, with the announcement of its first public radio station in February, the closure of the original station in town (XHEAT) in March after 84 years of broadcasting, and now a format and operator change in April.

[taglines:] Este programa es p blico, ajeno a cualquier partido pol tico. Queda prohibido el uso para fines distintos a los establecidos en el programa.

| Read the Mexico Beat

<http://forums.wtfda.org/showthread.php?9113-OPMA-is-changing>

| View my HD Radio in Mexico map

<https://tinyurl.com/hdmexico>

| Consult the list of Article 90 reserved band clears

<http://forums.wtfda.org/showthread.php?9113-OPMA-is-changing&p=44850#post44850>
(Raymie, April 5, ibid.)

** MYANMAR. 5985, Myanmar Radio. It has been a long time now since I last heard the English language lesson on Wednesday, so was pleased today (March 27) to indeed catch the 10 minute program (1242-1252). Poor propagation today, so unable to catch the name of the program, but clearly this is no longer the "Say It In English" language series about the adventures of "Tom" (I liked hearing what "Tom" was up to, so I will miss him!); will need better conditions to ID which language lesson this is. Today's show was perhaps a repeat of the scheduled Monday show, as least in past years they were on Monday & Wednesday? (Ron Howard, Asilomar State Beach, CA, Et n E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1976, DXLD)

5985, Myanmar Radio, on April 3, at 1208. Live coverage (TV audio feed), in vernacular, of the football/soccer match between Myanmar and Nepal (Olympic games qualification for Asian women); 1225 music

provided for half time break, till match resumed; mostly fair (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via DXLD)

** NETHERLANDS. HOLLAND/POLAND, New entry in A-19 Radio Onda ASBL and Polish Radio Warsaw
<https://swldxbulgaria.blogspot.com/2019/03/new-entry-in-19-radio-onda-asbl-and.html>
(Ivo Ivanov, SWLDBulgaria News March 21-22, DX LISTENING DIGEST)

0000-2400 6030 MRT 001 kW / non-dir to WeEu Portuguese Radio Onda ASBL
??????????? ?? Observer ? 12:15 PM (via DXLD 19-13 via WORLD OF RADIO 1976, DXLD 19-14)

Onda ASBL? What in the world is that? Where is MRT? I find it only in the HFCC site list as: MRT Margraten HOL 50N48 005E48
So like so many Germans, Denmark, Norway, Sweden, Finland --- Holland also has a licensed lowpower private SW station --- but on the air 24 hours, or at all? (Glenn Hauser, WORLD OF RADIO 1976, DX LISTENING DIGEST)

I found this just now:
<https://ondaasbl.wixsite.com/home/a-radio>

"...Breve resumo da Emissora --- A Radio Onda È gerida pela ASBL Onda, uma associa  o sem fins lucrativos baseada em Bruxellas, Belgica. Nossas atividades s  o voltadas para a divulga  o da cultura Brasileira pelo velho continente. Para tal, al  m da webradio, contamos com uma emissora em Ondas Curtas na frequencia de 6030 KHz, apartir da Hollanda, com 1 KW de pot  ncia, cobrindo boa parte da Europa. A programa  o da emissora È bastante variada, sendo que aqui voc   ouvir desde MPB, Rock Nacional, Samba, Sertaneja, entre outros estilos nacionais. Desta forma, trazemos assim at   voc   uma grande variedade musical, com muito humor e informa  o, para um p  blico n  o somente Brasileiro, mas tamb  m Belga e Europeu. A ASBL Onda È membro da HFCC, entidade internacional para a coordena  o de radiofrequencias em ondas curtas, al  m da ITU, baseada em Genebra..."

Kurze Zusammenfassung der Aussendung/Abstrahlung:

Radio Onda wird von ASBL Onda geleitet, einem gemeinn  tzigen Verein mit Sitz in Br  ssel, Belgien. Unsere Aktivit  ten konzentrieren sich auf die Verbreitung der brasilianischen Kultur auf dem alten Kontinent. Daf  r haben wir neben dem Webradio eine Kurzwellenstation auf der Frequenz von 6030 kHz von Hollanda mit 1 KW Leistung, die einen gro  en Teil Europas abdeckt. Die Programmierung der Station ist sehr unterschiedlich, da Sie hier ua von MPB, National Rock, Samba, Sertaneja und anderen nationalen Stilen h  ren werden. Auf diese Weise

bringen wir Ihnen eine grofse musikalische Vielfalt mit viel Humor und Informationen f,r ein Publikum, nicht nur f,r Brasilianer, sondern auch f,r Belgier und Europ%er. ASBL Onda ist Mitglied von HFCC, einem internationalen Unternehmen f,r die Koordination von Kurzwellenfrequenzen, neben ITU mit Sitz in Genf.

<https://www.staatsbladmonitor.be/bedrijfsfiche.html?ondernemingsnummer=0718722290>

"...A Radio Onda est· no ar 24/7, ao vivo pela internet e pelas ondas curtas, banda de 49 metros, em 6030 KHz. O parque do transmissor est· situado na Hollanda.

Mapa de Cobertura nominal:

<https://ondaasbl.wixsite.com/home/ondas-curtas>

ondaasbl@hotmail.com

Ao Vivo --- Na radio Onda vocÍ ouve o melhor da nossa m'sica, 24h por dia! preparado/prepared/"pr%pariert": view-source:

[https://ondaasbl-wixsite-com.filesusr.com/html/](https://ondaasbl-wixsite-com.filesusr.com/html/56f006_c5044e72e5ee6c97434810847ad75ca5.html)

[56f006_c5044e72e5ee6c97434810847ad75ca5.html](https://ondaasbl-wixsite-com.filesusr.com/html/56f006_c5044e72e5ee6c97434810847ad75ca5.html)

<!-- BEGINS: HTML5 PLAYER CODE SHOUTCASTWIDGETS.COM --><audio controls autoplay style="width:100%; height:50; background-color:#f7efef; color:#f7efef;"

src="http://78.129.163.129:30085/;"></audio><!-- ENDS: HTML5 PLAYER CODE SHOUTCASTWIDGETS.COM -->

(via roger, Germany, WORLD OF RADIO 1976, DXLD)

** NETHERLANDS [& non]. From the Studio 52 website at:

<https://studio52radiogroup.jimdo.com>

Here are the details of the next two shortwave broadcasts from Studio 52 (broadcasts will likely be in Dutch and/or German)

"We are a network of small hobby-radiostations in the Netherlands and Germany. We send our program from the Netherlands via our stream and sometimes via a shortwave- transmitter.

On shortwave via Nauen / Germany will run the following transmissions:

- on the 27th April 2019 from 18 to 20 UT on 15620 kHz with 125 kW for amerika/eastcoast - on the 13th July 2019 from 12 to 14 UT on 5955 kHz with 125 KW for westeurope

We use the Radio60-Streaming-Service <http://radio60.jimdo.com/> "

(Alan Roe, Teddington, UK, WOR iog via DXLD)

** NETHERLANDS. Hello Everybody Hello Everywhere, Tom Meijer of The Happy Station wants to know what's the best place to donate his Happy Station memorabilia to for access by all Happy Station fans? He posted

the question in the Happy Station Yahoo Group and if you're a member, by all means respond to him there. If not, I can relay the answers to the Group. Thank you.

?????? I shall continue to be an impossible person so long as those who are now possible remain possible. ?????? (Clara Listensprechen, March 26, WOR iog via DXLD)

** NEW ZEALAND. Hi Glenn, While spending time in a rural location (Lee Abbey, nr. Lynton, Devon (England)) on Sunday 24th March I was both surprised and delighted to get, with surprisingly good reception, Radio New Zealand on 7330 between 0938-1004 UT during their relay to Solomon Islands and Papua New Guinea! The reception was patchy but, despite the beam not pointing in my direction, the broadcast was still quite listenable for the news at 1000 when I heard the newscast. I had tried 7330 a number of times when at home but with no success which added to my surprise at getting them in Lynton. Pity RNZI don't do proper QSL cards as they would certainly get a report from me for that time slot (David Harries, Bristol, England (using Tecsun PL880 with no additional antenna), April 3, WOR iog via DXLD)

9630, March 31 at 0553, RNZI with C&W music on NF for A-19, S9+10, the SSOB by fair, virtually the OSOB, and ex-25m is essentially dead. No het, as R. Aparecida, Brasil, has been missing from 9630.5v lately, but it'll be a hetmess should it resume! A bad pick for RNZI, now sked daily 0459-0658; then 5945, and from 1259 on 5980 as yet unchecked here. RNZ National program times within will shift one UT hour later on April 7 when NZ go off wacky DST of UT +13. At least that match DST offdate in Australiaparts now.

5980, April 1 at 1416, RNZI is poor S5-S7 on new frequency, bad for us. Maybe usable somewhat from *1259 if the Cuban jammers are turned off in time.

[and non]. 5980, April 2 at 1413, RNZI is S9-S6, poor maybe with SAH; Ron Howard reports that Shiokaze/Sea Breeze has started using two frequencies at once, including this one for the daily 1405-1435 Japanese broadcast, // 6090 (and the 1300-1400 including Thursday English is on 5920 // 6070). JIC continues to demonstrate incompetence in frequency management, as NZ is not the only collision. Will Adrian keep it there?

9630.47, April 3 at 0556, 9630.0 RNZI is S9+10 but with a het just as I feared, obviously R. Aparecida, Brasil, reactivated. NZ is way stronger but unnecessarily faces this QRM for the 05-07 span while countless other 31m channels are vacant. Brasil prop is up tonight, as I measure several others, q.v.

5945, April 3 at 1245, RNZI on `overnight` channel, S7-S9 fair with flutter in Pidgin, ``blong Papua New Guinea``. Off before 1259:

5980, April 3 at *1259 RNZI s/on with bellbird, S7-S9 but less fadey, more solid signal than 5945 had been, as to be expected also switching from NNW-only to NNE antenna better for us. Initially some residual Cuban pulse jamming underneath, tho Marti finished an hour earlier. 1300 timesignal and RNZ Pacific, news including case dropped against Fiji MPs for sedition; Solomon polls have closed.

9630, April 4 at 0516, RNZI is much weaker than usual, in fact about equal to the het from 9630.48 R. Aparecida, Brasil. Due to local storms I am on the internal longwire, but don't think that should make much relative difference --- if anything, Brasil should be weaker on it.

9630, April 5 at 0532, RNZI back up to S9+10 tonight, way atop the still audible Aparecida het to the plus side.

5945, April 5 at 1330, RNZI still on here with music instead of 5980 after 1259, then 1332 YL about Solar System; S9+10 including local HNL of S9, still detectable past 1400. Perhaps coping with the JSR clash on 5980? But websked still shows 5980 from 1259 (Glenn Hauser, OK, WORLD OF RADIO 1976, DXLD)

** NIGERIA [non]. 7265, Koode R. Intil, Issoudun. S/on 1900 in Fulfulde to WAF. Short Afro flute interval signal then ID. Largely talk/commentary programming. 1921, Clear ID as iKoode Radio International and mentions of Nigeria. Sudden cut off mid-sentence, the usual Issoudun guillotine method of ending so many of these transmissions. Fair signal, 27/3 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Equipment: Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Kenwood R5000, Tecsun PL-680, Horizontal Sky Loop, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), April ARDXC Australian DX News via DXLD)

Koode Radio International via MBR Issoudun on March 30/April 1:
1900-1930 7265 ISS 250 kW / 175 deg to WCAf Nigerian Fulfulde, good
1900-1930 9810 ISS 100 kW / 175 deg to WCAf Nigerian Fulfulde, weak
<https://swldxbulgaria.blogspot.com/2019/04/koode-radio-international-via-mbr.html>
(Ivo Ivanov, SWLDXBulgaria News April 1/2, DX LISTENING DIGEST)

** NIGERIA [non]. Dandal Kura Radio Int via MBR Nauen/Issoudun, Apr 1
0700-0800 on 13590 NAU 125 kW / 185 deg to CeAf Kanuri, weak to fair
1800-1900 on 11830 ISS 100 kW / 167 deg to CeAf Kanuri, fair to good
<https://swldxbulgaria.blogspot.com/2019/04/dandal-kura-radio-int-via-mbr.html>

(Ivo Ivanov, SWLDXBulgaria News April 1/2, DX LISTENING DIGEST)

** NORFOLK ISLAND. Special Event DX Operation Set to Start on April 1 03/20/2019

A four-operator team will activate special event station VI9NI on April 1 to celebrate the 40th anniversary of the signing of the Norfolk Island Act. The Act granted limited self-government to the Australian external territory of Norfolk Island. The Act formally established the Norfolk Island Legislative Assembly and gave the Assembly powers to pass, amend, and repeal laws, and ó subject to the assent of the Administrator of Norfolk Island ó executive powers. The activation will run from April 1 until April 14. Two stations will be on the air from 160 ñ 17 meters, with a focus on FT8, CW, and SSB. VI9NI will use WSJT-X version 2.01 in Fox/Hound mode (call only above 1,000 Hz). (David Burden VK3BDX/AC3CW via ARRL via April ARDXC Australian DX News via DXLD)

** NORTH AMERICA. Hello Rick and thx for your interesting logs! May I ask: you used to report on YHWH but recently have not - have you not copied him or quit looking? Just curious as I have not heard YHWH for months. Thanks (Rich near Chicago Ray, UT March 30, WOR iog via DXLD)

Hi Rich, it's a fair question; the answer is, I have not heard YHWH since my last report on him. It has been months. I used to see other reports on YHWH, but after the first time I finally heard him myself, I could always recognize his distinctive voice. Be assured if I log him again, I will report it here. 73 -rb (Rick Barton, Arizona, ibid.)

** NORTH AMERICA. 6880-USB, March 30 at 0115, rock music the only pirate found; 0118, 0125, 0137 YL IDs as Mix Radio International/Worldwide; S7-S9; off by 0256 recheck. More logs: <https://www.hfunderground.com/board/index.php/topic,52390.0.html> (Glenn Hauser, OK, DX LISTENING DIGEST)

** NORTH AMERICA. 6889-USB, March 31 at 2227, folk/rock song at S3-S4, not rechecked until 0038 April 1 when it's off. Already at 2232* per several logs of this pirate as Evergreen Radio: <https://www.hfunderground.com/board/index.php/topic,52472.0.html> (Glenn Hauser, OK, DX LISTENING DIGEST)

** NORTHERN MARIANA ISLANDS. 9985, March 27 at 1534, RFA Korean is S9 -S5, from now confirmed refurbished Saipan antenna. I don't hear any jamming on this; does DPRK try? (Glenn Hauser, OK, DX LISTENING DIGEST)

Reception of Radio Free Asia RFA via Tinian on April 2

1000-1100 on 21455 TIN 250 kW / 296 deg to CeAs Tibetan, fair/good
1100-1200 on 15195 TIN 250 kW / 280 deg to SEAs Laotian, fair/good
1230-1430 on 11805 TIN 250 kW / 280 deg to SEAs Burmese, weak/fair
1430-1500 on 12140 TIN 250 kW / 280 deg to SEAs Khmer, weak/fair.

Frequency change of Radio Free Asia in Korean via Dushanbe from Apr 2
1500-1700 NF 9990 DB 200 kW / 071 deg ex 5850, very good, BUT
1700-1900 on 9990 SAI 100 kW / 325 deg Korean-very good
Apr.2 at 1500 9990 DB 200 kW / 071 deg Laotian, instead [of!] Korean
Apr.2 at 1600 9990 DB 200 kW / 071 deg Uighur, instead [of!] Korean!

Updated A19 schedule of Radio Free Asia via Tinian/Saipan as of Apr 2
On the air are 1 transmitter from Tinian and 2 transmitters from
Saipan

<https://swldxbulgaria.blogspot.com/2019/04/reception-of-radio-free-asia-rfa-via.html>

(Ivo Ivanov, SWLDBulgaria News April 2, DX LISTENING DIGEST)

See also ASIA [non]

** NORTHERN MARIANA ISLANDS. [WOR] Opinion about opinions in the
Northern Marianas 1 Files 111KB JPG 111KB Save

Manager of the USAGM Northern Mariana relay stations thinks the local
newspaper has too many op-ed's from "uber-liberal cities"

<https://www.saipantribune.com/index.php/biased-much/>

The writer probably should have signed just name and location, leaving
out the USAGM stuff (Kim Elliott, March 26, WOR iog via DXLD)

** NORWAY. Digital radio listening in Norway on the rise reveals new
WorldDAB report --- World DB News

2 April 2019, Lausanne, Switzerland: In December 2017, Norway became
the first country in the world to switch off national FM radio. The
aim was to provide a better radio offering to listeners and create a
sustainable position for radio in the face of rising competition from
digital media and online services.

Just over a year after the completion of its digital switchover, a new
report released by WorldDAB at the Radio Days Europe conference in
Lausanne, reveals how the switchover has impacted Norway's radio
listening.

[56 pages starting with executive summary; lots of graphs and
concluding it's a wonderful new age? ---gh]

https://www.worlddab.org/public_document/file/1125/One_Year_After_-_report_and_appendices.pdf?1553793724

Key findings of the report are:

- i Total radio listening in 2019 is back to similar levels as achieved in 2016
- i Radio's daily reach is now 67% of the population compared to 68% in 2016
- i Listeners are listening for longer - on average for 146 minutes per day in 2019 compared to 127 minutes in 2016
- i 86% of daily listeners now use DAB+, compared to 55% in 2016

One of the major arguments for the digital transition was to increase the diversity of Norwegian radio services. DAB+ has made it possible to increase the number of free-to-air national services across Norway from five to 32 stations, greatly extending the choice available to listeners across all demographic groups. These new services have proved highly popular with listeners and now account for 36% of total listening hours.

Seasonal and event-specific pop-up radio stations have also proved popular with Norwegian listeners - during the Olympic Winter Games and the FIFA World Cup, NRK Sport grew from a usual share of 1 or 2% to more than 20% on certain days, making it the third largest station during the events and highlighting listeners' appetite for such pop-up stations.

The penetration of DAB+ radios - and, in particular, the proportion of cars equipped with DAB+ - has risen considerably, with almost all new cars sold in Norway (98%) now including DAB+ as standard. It is expected that within the next three to four years, 80% of all cars on the road will be equipped with DAB+.

iThe most important development in Norway last year was how the listening development turned and began to increase again after the digital switchover, said Ole Jørgen Torvmark, CEO of Norsk Radio and WorldDAB Board member. iListening figures are now around the same level as before the FM switch off, and with the digital switch over behind us, the Norwegian radio industry is focusing on how we can best control the rest of radio's distribution and user data.i

1 The findings of the report are based on an improved version of Portable People Meter (PPM) with double the number of panelists. The new survey, which was commissioned by Nielsen and started in January 2019, is expected to unveil more findings in 2019 and beyond.

-ENDS-

About WorldDAB

WorldDAB is the global industry association responsible for defining

and promoting DAB digital radio. By bringing together radio industry professionals, WorldDAB provides knowledge and expertise that helps countries successfully adopt and implement broadcast digital radio.

Our 1250+ experts from over 100 member organisations cover 30 countries across the globe and include public and commercial broadcasters, regulators, network providers and manufacturers of receivers, chips, professional equipment and automobiles.

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@WorldDAB (via Mike Terry, April 2, WOR iog via DXLD)

** OKLAHOMA. 1640, March 31 at 0610 UT, KZLS ``Enid`` is dead air; by next check at 1400 UT has added a big hum, but still no programod (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OKLAHOMA. 27185-AM, March 30 at 1731 on caradio, loop of ``Happy Birthday to You`` by amateur pianist, occasionally interrupted, but still/again going at 1930. Our local Enid CB pirate (Glenn Hauser, DX LISTENING DIGEST)

** OKLAHOMA. CRAZY-SMART RADIO --- Hi Kelly, Just wondering -- It seems this slogan vanished some time ago. At least I don't think I've been hearing it any more. When did this happen, and why? Regards, (Glenn Hauser, Enid, April 1, to Kelly Burley, KOSU manager, via DXLD)

Glenn, We began phasing it out over a year ago after determining the sub-brand had run its course. Thanks for listening! (Kelly Burley, KOSU, 405-744-6352, Kelly.burley@okstate.edu via gh, ibid.)

** PAPUA NEW GUINEA. 3260, NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums), 1115-1205*, April 3. Mostly nice Pacific Islands pop songs; DJ in Pidgin; local time checks ("10 to 10"); 1200 ID with frequency; into NBC news in English (not very readable); cut off just after the weather forecast; one of their better days.

[non-log] April 3, NBC Bougainville (3325) noted already off the air at 1102, through last check at 1141; instead only heard the carrier of the Voice of Indonesia (second day VOI with no audio!) (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

3260, NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums),

1021, on April 5. DJ in Pidgin playing various songs; 1029, ID and frequencies; 1031, talk in Pidgin about "local government" and "Parliament"; a day with above average reception (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** PERU. 4774.90, R. Tarma, in Spanish, 03.19.2019 2252-2309, local slow and lively songs, with man talk (mostly unclear), chorus chant Ave Maria, with man/woman talking over last mid song, other man announcer with frequencies quote and ID at about 2301, music pause and announcement into sport program with man excited talk and other man talk at times, heard in usb, moderate qsb and severe qrn, poor/almost fair at times; in // <https://radios.com.pe/99-3-fm-tarma/> (Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; DX LISTENING DIGEST)

See also BRAZIL --- but next item with precise frequency indicates the above one is Brasil instead; but Gianni seems certain of the language and // webcast as Peru (gh)

** PERU [and non]. Two UNID at 2332 UT like
Port 4774.903 BRA
and
Span 4774.976 PRU
(Wolfgang Bueschel, April 1, dxldyg via DXLD) See unID 4774.975

** PHILIPPINES. 15190, Radio Pilipinas at 1755 UT in Filipino with music and talk for Filipino foreign workers. Fair // 12120 kHz also Fair with CODAR and 9925 kHz weak (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD) Date? circa March 30 per other items in report

** POLAND. HOLLAND/POLAND, New entry in A-19 Radio Onda ASBL and Polish Radio Warsaw
<https://swldxbulgaria.blogspot.com/2019/03/new-entry-in-19-radio-onda-asbl-and.html>
(Ivo Ivanov, SWLDBulgaria News March 21-22, DX LISTENING DIGEST)

0800-1430 7415 WWA 010 kW / non-dir to EaEu Polish Polish Radio Warsaw
0800-1100 7430 WWA 010 kW / non-dir to EaEu Polish Polish Radio Warsaw
???????????? ?? Observer ? 12:15 PM (via DXLD 19-13 via WORLD OF RADIO 1976, DXLD 19-14)

Of course, Poland has been gone from SW too, but Warsaw coming back with 10 kW?? (gh, ibid.)

** ROMANIA. 5935-5940-5945, March 26 at 0552, DRM noise at S4-S5, which is RRI Tsiganeshti as scheduled this semihour in Russian (Glenn Hauser, OK, DX LISTENING DIGEST) See also UNID 5850

7375, Radio Romania Intil; *2130-2138+, 3/29; S/on with ID & sked including the digistuff which takes a LOT more words than time/freq; headlines into news to 2137 into commentary re Rom referendum vote; all in English. SIO=454; // 7310 S10 peaks; this pair not listed at this time for A19 (Harold Frodge, Midland MI, USA, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST)

7320-7325-7330, March 30 at 0551, DRM noise at S5, now RRI as scheduled 0530-0600 in English, plus 0600-0630 German. (WINB is also registered for same DRM frequency span at 07-09 M-F, 07-10 Sat/Sun)

7420, April 1 at 0043, Balkan music, good S9+20; at first imagined Greece ex-9420 or mistake? EPT is usually silent early UT Mondays; in fact this is the RRI Romanian service now, as spoken at 0054 and // 9790.

7375, April 1 at 0044, RRI English now here giving schedule during a mailbag, much stronger than // 6040 at 0048 (Glenn Hauser, OK, DX LISTENING DIGEST) See also SAO TOME 6080

** RUSSIA. 4635, April 5 at 0137, notorious buzzer is barely audible; seems not evenly spaced, occasionally a double-buzz, adding up to approx. 64 times per minute (Glenn Hauser, OK, DX LISTENING DIGEST)

** RUSSIA. From March 31 GTRK Adygeya will be same time & frequency:
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Ad/Ar/Tu Mon
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Fri
1900-2000 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Sun

<https://swldxbulgaria.blogspot.com/2019/03/fair-signal-of-gtrk-adygeyaadygeyan.html>
(Ivo Ivanov, SWLDXBulgaria News March 29, DX LISTENING DIGEST)

** SAO TOME [and non]. 6080+, April 1 at 0548, VOA news magazine in English, S9+20 but with fast SAH CCI. We already know Pinheira is the one off-frequency, but now the collider is RRI in English, 300 kW to W Europe and USWard at 0530-0600, also French 0500-0530, while VOA runs 04-07. How is this acceptable to HFCC?? Surprised RRI be the understation, but that may change with conditions (Glenn Hauser, OK, DX LISTENING DIGEST)

** SAUDI ARABIA. 11820, BSKSA [sic] with Arabic Kor'an reading and OM talx/commentary re Kor'an. I wish they had English on SW -- they continue to have a 'European Service' on satellite which is even on Galaxy 19 here in N America which is in English, but although they are well heard, there is no EE on SW, sigh. This is somehow compelling although I don't understand a word! Started out 45443+ but quickly up

to 4+544+4 2010-2100 23/Mar SDRplay +SDRuno +randomwire (Kenneth Vito Zichi, Port Hope MI, DX LISTENING DIGEST) was off-frequency +plus (gh)

13710, R Saudi at 1600 with prayer chanting. I like to listen sometimes to things like this that really give the feeling of hearing some far away place. Heard from the road on 909X and 9' vertical, probably armchair at home - Good Mar 28 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000), RS SW-2000629, with various outdoor wires; ATS-909X and 9' garden stake antenna. 73 and Good Listening....! -rb, WOR iog via DXLD)

9715v, Since a lot of months I miss the morning ARS SBA via MOCI Riyadh Holy Quran sce from 0300 to 0957 UT (alternate 9675 kHz), non-directional NVIS antenna fountain like signal to Saudi Arabia / UAE target. My archive shows last monitored entries 9715.039 kHz on 30 Apr 2018 and 9714.923 kHz on 10 Feb 2018, when 7410.027 kHz started ARS in 41 mb. Doha Qatar remotely access installation log: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

** SIKKIM. 4835, AIR Gangtok, 1205-1226, on April 2. A rare day with audio above threshold level; mostly indigenous music/singing; interesting to note was not the usual subcontinent music (Indian style), but was very similar to the music heard on BBS (Bhutan) and in fact, looking at the map, Gangtok is indeed very close to the border with Bhutan; audio was fine till 1226, when their often heard transmitter hum started, after which reception was unusable (Is it just after the transmitter warms up that the strong hum starts?).

So will this continue to be a frequency clear of Ozy Radio, now that Craig has died and will no longer be operating the station? (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1976, DXLD)

** SOLOMON ISLANDS. 5020, SIBC (presumed), 1311-1400, on April 2. A rare day with some faint audio (normally can only hear a carrier!); running well past normal 1200*; non-stop pop songs; hovering at threshold level audio; my local sunrise was at 1352 UT (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

5020, April 3 at 1255, S6-S9 open carrier with flutter, decent signal from presumed SIBC, maybe still on for election day, but hardly helpful if not modulated. Some ACI from 5025 Cuba music; and much stronger than 5055 Australia carrier. However, Ron Howard says 5020 was modulated: (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

5020, SIBC (presumed), 1244+, on April 3. Another day of slightly above threshold level audio; pop songs (many C&W songs); another day running past their usual 1200*.

5020, SIBC. Glenn posted this yesterday - "5020, April 3 at 1255, S6-S9 open carrier with flutter, decent signal from presumed SIBC, maybe still on for election day, but hardly helpful if not modulated."

So today (April 4) I heard SIBC with the best audio level that I have heard here in over a year of hearing extremely low modulation (mostly unusable); 1049-1200*, so no extended broadcast today; 1059, the usual calliope music and into the SIBC News in English (gave election result, etc.), but only bits and pieces readable; 1107, break in the news for a clear ID; 1156, the usual evening devotional and prayer in English; ID and National Anthem; heavy QRM (static). My audio at <https://app.box.com/s/4sca4kbt5i1n9286ohwpe0ss55ms9js9>

5020, SIBC - the Voice of the Nation, 1001, on April 5. Tuned in to hear a second day of respectable audio level; ID for "SIBC, the Voice of the Nation"; only bits and pieces made out; DJ in Pijin, playing EZL Pacific Islands songs till transmitter off at 1013*; later checking through 1200*, did hear their carrier, but no trace of any audio. Certainly transmitter problems! My audio at <http://bit.ly/2FU7wr9>
(Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1976, DXLD)

** SOMALIA [non]. 11790 Somali Christian Radio. 16/3 at *1600-1730* featuring pxs in EE from 1600 & from 1700 in Somali from 1630 (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant), April ARDXC Australian DX News via DXLD)

What's this? Bible Voice Broadcasting via Nauen (gh, DXLD)

** SOUTH AFRICA. Don't you believe Channel Africa announcing they are on 9625 kHz at sign on 1700 UT March 26. They are booming in on 15235 kHz at the moment. 73 (Mick Delmage, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

Thanks, Mickey! Not too shabby to the west coast, but I'd rate it only at fair level, compared to your QTH. One more hop, I suppose. I know that reception from Masset is always pretty darn good (Walt in Victoria, BC, Salmaniw, 1711 UT, ibid.)

3320, R Sonder Grense with EZ pop including Leonard Cohen's "Hallelujah" etc. Kind of rough reception, but since they are going

away, at the end of the month, I figured it was worth a 'last listen' even if it wasn't 'easy'. YL in (presumed) Afrikaans at 0219 with mention of S Africa and into Phil Collins "Against All Odds" and similar ilk tunes. Better reception would have made this more fun. 43+443 with my local noise and static duking it out. 0210-0230 27/Mar SDRplay +SDRuno +ANC-4 +randomwire (Kenneth Vito Zichi, Williamston MI, DX LISTENING DIGEST)

Good signal initially on 7285 kHz on 26 March at about 0500:45 UT s/on here in NB (recorded). But the signal deteriorated after about 20 minutes or so and fell into the noise shortly after that. Also recorded 3320 kHz starting at about 2200 on 28 March continuing for a few hours overnight. Weak at start but improved to a nice level after about an hour or so. Unfortunately, there is pulse QRM from a radar station or some other utility on or very near the frequency exactly every 40 seconds lasting 1.7 seconds at a time. A brief example clip of this interference is attached. This interfering signal can sometimes be heard underneath CHU on 3330 kHz so the likely centre frequency is between 3220 and 3330 kHz. Any ideas what it could be? I've also heard double bursts (within a short second-or-so interval) at times too (-- Richard Langley, Mar 29, WOR iog via DXLD)

3320, Radio Sondergrense at 0242 with pop vocals and a male DJ ñ Fair Mar 29 ñ Barring any last minute reprieves from Sentech, or the SABC finding another transmitter to air this one, this will be the last time I will ever hear Radio Sondergrense and its quite distinctive language of Afrikaans that has its roots in English, German, and Dutch. It will definitely be the end of an era that started with my listening to Radio RSA back in the late 70s. I remember their quite distinctive interval signal (The first few bars of iVer in die Wereld, Kittie! on guitar and the call of the Bokmakerie bird) and their Afrikaans by radio program.

I wrote away for the free study book they were offering. From that study book I wrote a letter to them in Afrikaans that they quickly returned to me with grammatical corrections written in blue ink but, in English, they mentioned just how amazed they were at how quickly I had grasped the gist of the language. It certainly helped me to understand what was going on when listening to Afrikaans from Radio South West Africa (Namibia) as well as this one. A few years ago I played a recording of this station for my niece who had just returned to Canada from two years in South Africa working for a Zimbabwean relief agency while also obtaining her master's degree at the University of Pretoria. She was amazed I could hear Radio Sondergrense and remembered listening to them late at night for their selections of local musical talent (Mark Coady, Selwyn, Ontario, Drake SPR-4, Kenwood TS440S, or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles (OCFD), ODXA iog via DXLD)

7285, March 29 at 0525, R. Sonder Grense in Afrikaans including a clip in accented English, S9+10 and still on air; for its last day?

[non]. 7285-LSB, March 31 at 0441, VA5AA calling CQ contest, before Radio Sonder Grense would be on here anyway, but still no RSG at 0550, RSA SW gone for good. Others noted its finale on 3320 a few hours earlier. So NAMhams get a frequency back. QRZ.com shows VA5AA is: Mason John Hnatiw in REGINA, SK S4V 1V2 Canada --- that's Witanh spelt backwards (Glenn Hauser, OK, DX LISTENING DIGEST)

Final Day of Channel Africa on SW? Very good reception of the Africa Digest program today, 29 March, between 17 and almost 18 UT on 15235 kHz using the U. Twente SDR receiver. Again incorrectly announcing they were on 9625 kHz, a frequency used last year for broadcasts to southern Africa. No mention of the cessation of SW transmissions. After the transmitter went off at the end of the English program, it came back on with a few minutes of music and indigenous talk, possibly the Silozi-Makande ni Likezahalo mwa Africa program before finally really going off (-- Richard Langley, WOR iog via DXLD)

Does this also mean that the RSG transmissions via Meyerton (including 3320 that is strong at local sunset here in Calif.) will be gone as well? I just saw this intriguing posting! Thanks! (Steve - N6NKS -- McGreevy, CA, N6NKS - www.auroralchorus.com, WOR iog via DXLD)

Well, for whatever reason, Sondergrense is still being heard at good level via Don Moman's SDR in Lamont, AB on 3320 at 0414 UT March 30th, so perhaps on tonight and tomorrow before pulling the plug forever? (Walt Salmaniw, ODXA iog via DXLD)

Re: [WOR] Final Days of Radio Sonder Grense on SW? Still on early this morning (30 March) at 0300 UT on 3320 kHz as noted here in NB. Reception still spoiled by utility QRM. Also, 7285 kHz s/on at about 0458 noted with a fair signal, which lasted about 30 minutes before fading out. I wonder if there have been any announcements on RSG about quitting SW? (-- Richard Langley, 1359 UT March 30, WOR iog via DXLD)

Was hearing the same as Richard, and at the same time. So, another day, still, or is this it? Would be nice to see a list of any possibilities for Meyerton for today and/or tomorrow (Walt Salmaniw, 1730 UT Mar 30, WOR iog viaDXLD)

Radio Sonder Grense is daily on air until today March 30, Channel Africa is on air Mon-Fri until March 29, final transmissions via Meyerton will be AWR in French and Yoruba 2000-2100 on 9780 (Ivo Ivanov, ibid.)

Thanks, Ivo. Good signal into NB. Recording. Will double check Radio Sonder Grense this evening, just in case (-- Richard Langley, *ibid.*)

3320, R S G, 1816 with operas for the whole house and talks in Dutch/Afrikaans. About 40% music - 60% talks, included Bizet's Carmen. 1900 with news, 1912 'teardrops' (non IDed in shazam), 1922 classical music (reminds Vivaldi?) and music that goes 50-60 years ago (as Charleston GE).

NO signal in my QTH Thessaloniki - S7 on ZR6, S20 in TWR KIwi and fades in between -50 to -36db (????). Supposedly it will sound off from tomorrow. Anyone wanting to listen more can use the following link in stereo with good audio. Unfortunately no shoutcast or vtuner streams for your player.
<http://fmradiobuffer.com/rsg-radio-sonder-grense-live-streaming-online/>
(Zacharias Liangas, Greece, Mar 30, DX LISTENING DIGEST)

The most interesting question is what will happen with 3320 kHz. Right now it appears to be still on air.

Other finals so far: Deutsche Welle on 15200 wrapped up the actual broadcast already at about 1855, followed only by bumper music until the Udo Lindenberg fans at London*) switched to their standard fill audio, which to me always sounds like the funeral of shortwave broadcasting (really: who got, years ago, this idea??), and the transmitter was finally turned off at 1901.

For the BBC it could from Europe only be observed how the carrier on 6190 disappeared at 2001. Modulation became inaudible shortly before 2000 when CRI (Albania) came on 6185 and VOA (Botswana) on 6195.

*) Because of (and I hope anyone will get the joke with this):
<https://www.youtube.com/watch?v=NxquuedkKaM>
(Kai Ludwig, 2021 Mar 30, *ibid.*)

Thanks to a post/observation in a facebook group, I just checked 3320 (30 March at 2030 UT) via a Kiwi-SDR in South Africa, and am hearing R Sonder Grense still on air. This is scheduled until 0500 UT on 31 March, although unclear if the transmission will end earlier than 0500. This looks like it will be the final transmission from Meyerton (Alan Roe, Teddington, UK, *ibid.*)

3320 kHz was still on air at 2112. Recheck at 2153: Ooops, only blaring noise on that SDR. So the last Meyerton transmitter has been turned off at some point between 2112 and 2153, i.e. about 45 to 10 minutes before local midnight. Yet another shortwave site is gone (Kai Ludwig, *ibid.*)

Was still on air at 2130, recheck at 2143 and was off (Roberto Scaglione, Sicilia, WOR iog via DXLD)

Thank you! So we have it, if really no further details will emerge, at least narrowed down to a window of 13 minutes.

Attached what could perhaps have been the last live mic audio, unless there was further continuity between songs. Perhaps it even includes an advice about the shortwave service ceasing, but Afrikaans is again a different affair than Dutch and then there were the bad utility bursts (which were here in Central Europe much stronger than the Meyerton carrier, so this intruder appears to be located substantially further north).(Kai Ludwig, ibid.)

On the recording the utility sound is similar to me to ham radio packet mode. Of course in reality it can be something else; I'm not an expert in utilities (Tibor Gaal, Budapest, Hungary, March 31, WOR iog via DXLD)

AWR French and Yoruba 20-21 on 9780 Meyerton with fair signal here (Ivo Ivanov, 2216 UT Mar 30, ibid.)

All SW broadcasts from South Africa are now gone (Glenn Hauser, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** SOUTH AFRICA [and non]. Meyerton's last day - its use by clandestine stations

As it's Meyerton's last day on the air, I've written an article on the site's use by clandestine stations in the 1970s and 1980s:
<https://radioatlanticodelsur.blogspot.com/2019/03/apartheid-south-africas-radio-psyops.html>
(Chris Greenway, UK, March 30, WOR iog via DXLD)

Has it ever been tried to ask anyone from SABC or Sentech, perhaps even Meyerton engineers, about this? Do they still pretend to know nothing, which then would speak volumes about South Africa today? Are still deliberately rumours about a use of military transmitters being spread, as quoted on Youtube while the recording certainly sounds like a broadcast-grade transmission?

If so it would remind of certain people at Kⁿigs Wusterhausen who also still pretend to know nothing about things like Bizim Radyo, leaving others wondering what they want to still protect here. Just their own Lebensleistung (any attempt to translate and further explain would go much beyond the scope of this post), or is it a bigger picture?

By the way: Any idea where Bizim Radyo and the programmes from the Greek communist party (have the name not at hand right now) have been produced? Are we right or wrong to assume that in both cases the tapes came from somewhere abroad, in particular since there is word about further transmissions from Romania and/or Bulgaria? So these tapes would, by arrangement with SED, have been sent to Berlin and presumably been played out at the Rundfunkknotenamt facility in Berlin-Lichtenberg? (Kai Ludwig, Germany, WOR iog via DXLD)

Bizim Radio was broadcast via Secretbrod (Ivo Ivanov, Bulgaria, ibid.)

Thanks Kai. In my limited experience, transmitter engineers are not always very interested in the programmes that their senders are transmitting. To them, it's all about the hardware.

In the case of Meyerton, it would have been a case of the engineers feeding the audio from Auckland Park line X to Meyerton sender Y according to a schedule they had been given. They would have noticed the absence of the usual bokmakierie and guitar, but otherwise it was just another feed (and in the case of Vorgan, Voz da Verdade and Voz da Africa Livre, in a language they probably didn't speak).

Suggestions of military transmitters being used: Although these are just rumours, I don't see anything sinister in them. DXers (and others) can be quick to assume that, where clandestine stations were not genuinely "in the bush" (as was the case with some of the Ethiopian and Eritrean ones in the communist era), then they must have been coming from the military or the secret services. In fact, as you know from the Eastern European experience, they were generally from the transmitting sites of state or publicly owned broadcasters. (Chris Greenway, ibid.)

A picture is worth a thousand words, and this is a really cute one:
http://www.ontheshortwaves.com/QSL_SW/Cland-NTS-1971.jpg

Hey, it get's even better...
http://ontheshortwaves.com/Stations/NTS_photos.pdf

In the case of Meyerton I wonder if no orders of special secrecy have been given, making it obvious even to clueless engineers that they participate in fishy things. But it gets even more interesting if this stuff, or just some of it, has indeed been produced, or just played out, at SABC studios in Johannesburg. In this case former Radio RSA staff, and those also later still working there, really should know something, if they want to know it.

When did Vorgan (in 1990 listed as 1800-2215 on 7100) disappear? I

seem to remember that it was still mentioned as an active station in 1993, when apartheid was already a thing of the past. This is the particular reason why I indeed have some questions here.

By the way, the whole closure process now raises questions as well. They already in February told foreign clients that the facility will no longer be available but, it seems, told anyone at home, or at least SARL, than they can not confirm anything until just one week was left. Huh?? (Kai Ludwig, Germany, WOR iog via DXLD) VORGAN: see also ANGOLA!

** SOUTH AMERICA [non]. Beacon transmissions --- Dear friends! We have been now been on with our 8-10 watts Beacon transmitter from Europe for a week. This coming night will be the last one with this power in a time. From tomorrow we will reduce the power to 1 watt making it a more challenge to catch it. So try it ;-)

The 8-10 watts CW Beacon transmitter has been heard in the east coast of the USA, as well as in the southern part of South America. Let's see what a 1 watt can do :-)

The frequency is 6342 kHz CW. Sched. is: 19 to at least 08 UT, sometimes even later. If you are in doubt, you can check it at our website <http://www.radiopirana.com> where we will have a sign of, if it is ON or OFF.

This coming week we will also sending out replies for reports for our broadcasts from South America. Most have already received a preliminary answer from us, but this week a more complete reply. 73' (Jorge Garcia, rpi@radiopirana.com www.radiopirana.com or www.radiopira0a.com March 31, Hard-Core-DX mailing list via DXLD)

** SOUTH CAROLINA [non]. 9330, WBCQ Monticello ME (presumed); 1933-1949+, 3/25; Bombastic Bro. Hystairical working up a lather re harlots, evil heifers & defilement (like itouchingî minors?); Mentioned his last day in court & related that to the end-time event; ragged on preachers, soothsayers & churches; sed heís weary of this world (Can pedophiles go to Heaven? Can people to relay this crap go to Heaven?) SI0=3+53+, fady; // 9395 WRMI(presumed), SI0=3+53 (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST)

4840, USA, WWCR at 1100. Sounding like kids Halloween record from days gone by, a lot of creepy moaning and groaning. Went on for nearly 15 minutes before pulses from OTHR (radar) joined them. Recheck at BoH, still wailing and groaning, still the OTHR pulses - Very Good (signal level) Mar 29 (Rick Barton-AZ, WOR iog via DXLD)

Surely that was TOMBS, M&G as always 11-12 & 23-24 UT (gh, DXLD)

** SPAIN [and non]. 12030, March 26 at 1819, REE has heavy QRM from an extremely distorted and wide signal from 12021 to 12039 approx. At first I suspect a Noblejas transmitter is acting up again, but the ``modulation`` does not match up to REE-AM in the midst of it. What else could it be? WEWN has also broken down like this in past. But there own much weaker Spanish on 12050 sounds OK, and there is no spur match on 12070 or anywhere. At 1923, 12050 has two weak stations with a slow SAH, i.e. WEWN and Ndarason/Ascension. By 1922, REE is somewhat overcoming the QRM, another indication it's not self. Maybe a totally different station mistuned to the wrong frequency.

9690, Monday April 1 at 2201, REE in English, with what else, music, in this case a blues band visiting and then Justin Coe interviews a Jeff. So for A-19, English has shifted one UT hour earlier to 2200-2230 M/W/F. Should also be on the other three, 12030, 11940, 11670. Come on, Justin, suppress your m'sica-sobretudo-mania and give us some news, even analysis of current events in Spain! Or would that be too unsafe under circumstances? Secret REE Arabic should now be at 2130, M-F? on 12030, 11670, unchecked yet.

12030, Tue April 2 at 2130, REE splits this frequency from the others to begin Arabic, ``Huna Madrid``, ex 2230- in B-season. Is it M-F? Very smooth transition, as `Tablero Deportivo` had just wrapped up on this and 11940, 9690 (but 11670 still AWOL). After time pip, 11940 & 9690 continue in Castilian discussing animal languages on `Vla Ac'stica`, interesting programming we are deprived of in English tnx to Coe's obsession with music. Manuel in Spain also reports Arabic until 1700 April 3 on 12030, then M/W/F Russian, ex-1800 (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

12030, Radio Exterior de Espa0a, Noblejas, 1653-1707, 03-04, Arabic program, at 1700 time signals id. "Radio Exterior de Espa0a", program in Russian. 44444. The other frequency, 11670 now of air now. The Russian program is on air Monday, Wednesday and Fridays from 1700 to 1730 UT (Manuel MÈndez, Lugo, Spain, WOR iog via DXLD)

[and non]. 9690, April 4 at 1853, REE is poor S4-S8 but alone. Have not heard the tell-tale het from Nigeria-minus lately. Ivo Ivanov says the other collision on 9690 with MWV Russian at 19-20 has been resolved by its last-minute change to 9845 (where I get a JBA carrier at best) (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** SUDAN. 9505, Voice of Africa, Al Aitahab in English 03.12.2019 1749-1801 woman talk (mention Sudan, African woman, African Union, African news) with music breaks in between, (till 1754), same woman announcements with reverberation (possible ID), afropop song, man

brief announcement at 1757 (no much clear), local chant with instrumental music, man announcer and continuing chant, time pips at 1800, music pause; (from 1801:10" fully overwhelmed by very strong splats of TWR Africa, Swaziland on 9499.99 kHz, with IS and man ID into its program in English), heard in Lsb, ceaseless fast qsb, severe qrn rustle, poor / almost fair.

9505, Voice of Africa, Al Aitahab in unid Lang (Arabic?) 03.14.2019 1945-1951* local chant with music, man talk, same local chant, sudden s/off at 1951, heard in Lsb with inter filter, moderate qsb and strong rustle, almost fair (Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; DX LISTENING DIGEST)

** SUDAN [and non]. At least harmonix to be heard above 19 MHz (gh) 19010H Unid. Program in vernacular on 17/3 at 1835 presumed Sudan (2 x 9505 kHz), tiny signal (Pankov*).

19230H CRI. German on 17/3 at 1840, // 9615 (Pankov*). 19660H AWR, Nauen. Bulgarian on 25/2 from 1600 // 9830 (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant), April ARDXC Australian DX News via WORLD OF RADIO 1976, DXLD)

** SUDAN. 9505, Voice of Africa, Al Aitahab, 1715-1727, 27-03, English, news about Sudan and other African countries, ID iVoice of Africaî, iThe headlinesî, iBroadcasting to you from Sudan on 9505 kHz, this is The Voice of Africaî, East African songs. 34433 (Manuel MÈndez, Lugo, Spain, Log in Lugo, Fiol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

7205even, Radio Omdurman, from Al Aitahab suburb, S=5 or -98dBm, at 0503 UT. Male announcer, music played in between. via remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD))

7205, Sudan Radio, Al Aitahab, 0440-0455, 02-04, Arabic, comments, mentioned iSudanî, Arabic and East African songs. 35433.

9505, Voice of Africa, Al Aitahab, 1701-1747, 01-04, French, comments, at 1715 English, ID iVoice of Africaî, news, comments. 32432 (Manuel MÈndez, Lugo, Spain, Logs Fiol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

** SUDAN [non]. Last minute change of Radio Dabanga via MBR Issoudun from March 31

<https://swldxbulgaria.blogspot.com/2019/03/last-minute-change-of-radio-dabanga-via.html>

(Ivo Ivanov, SWLDBulgaria News March 26-27, DX LISTENING DIGEST)

1530-1600 NF 13745 ISS 250 kW / 139 deg to EaAf Juba Arabic, ex 13700
?????????? ?? Observer ? 3:37 PM (via DXLD) NOT Juba Arabic (gh)

Radio Dabanga via Issoudun/Santa Maria di Galeria, April 3
1530-1600 on 13745 ISS 250 kW / 139 deg to EaAf Juba Arabic, very good
1530-1600 on 15550 SMG 250 kW / 150 deg to EaAf Juba Arabic, very good
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-radio-dabanga-via.html>
(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)
Darfur Arabic, not Juba Arabic, surely (gh, DXLD)

** SUDAN SOUTH [non]. Reception of Radio Tamazuji via Talata &
Issoudun, April 3
1500-1530 on 15150 MDC 250 kW / 340 deg to EaAf Juba Arabic, very good
1500-1530 on 15400 ISS 250 kW / 139 deg to EaAf Juba Arabic, very good
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-radio-tamazuj-via-talata.html>
(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

** SURINAME. 4990, Radio Apintie --- has reactivated their transmitter
last week, running at 300 W. The SW antenna is in this field: 5 47n,
55 10 10w. Studio and FM mast at 5 49 27n, 55 10 38w. Best regards,
(Mauno Ritola, March 27, shortwavesites yg via WORLD OF RADIO 1976,
DXLD) Current power confirmed by station? WRTH 2019 listed as 1 kW,
when it was weaker than heard now (gh)

4989.987, R Apintie, Paramaribo, pop music program, at 0513 UT, S=5 or
-97dBm. via remote in Holland [selected SDR options, span 12.5 kHz RBW
15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1,
dxldyg via DXLD))

** SWAZILAND. ESWATINI, Reception of Trans World Radio Africa on three
new freqs on April 1
1500-1530 on 9500 MAN 100 kW / 031 deg to EaAf Somali Daily,
weak/fair signal
1530-1545 on 11820 MAN 100 kW / 013 deg to EaAf Juba Arabic Mon-Fri,
very good
1557-1627 on 13580 MAN 100 kW / 013 deg to SoAf Kirundi Mon-Fri, very
strong
<https://swldxbulgaria.blogspot.com/2019/04/reception-of-trans-world-radio-africa.html>
(Ivo Ivanov, SWLDBulgaria News April 1/2, DX LISTENING DIGEST)

** SYRIA. Possible changes to MW broadcast scheme in Syria

In the near past, medium wave transmitters in Syria, which are owned
by the Syrian government, used to relay feeds from dominant state-run
radio stations (e.g. Radio Damascus / Domestic and Voice of Youth).

However, that formula might have changed without prior notice!

Radio Damascus / Domestic Service usually broadcasts on three medium wave frequencies. 567 kHz (primary), 783 kHz and 936 kHz.

On 3-Apr-2019 at 13:30z, I noticed a mismatch in programming between 567 kHz and 936 kHz. 936 kHz relayed something different. It didn't take much time till I realized that I was listening to Zenobia FM

Untitled2.png [illustrated in the WOR iog]

Zenobia FM is a local radio station owned and managed by ORTAS (General Organization of Radio and TV in Syria). Originally, it covers the city of Homs on a single FM frequency of 98.0 MHz, with programming specially curated to Homs's population.

3-Apr-2019 at 18:30z, things got really weird. 936 kHz was relaying a feed from a privately owned radio station, Ninar FM. Till this moment, Ninar FM is still live on 936 kHz

Untitled.png

Note that SRTV General Program has recently (couple of months ago) changed its frequencies announcement. The updated one states that 567 kHz is the only MW frequency and it's covering the entire Syrian geography. That might mean there are plans to use the other two frequencies (783 kHz and 936 kHz) to, presumably, relay different types of programs other than the main one.

It is not clear yet if this move will be permanent, or whether 936 kHz will be used to relay both stations at different times. We have to wait (Rawad Hamwi, still in Saudi Arabia? April 4, WOR iog via DXLD)

** TAIWAN [and non]. 15270, R. Taiwan Int'l, Paochung. Cantonese to SEAs at 1020, a fair signal but heavy co-channel jamming from CNR2, 21/3 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Equipment: Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Kenwood R5000, Tecsun PL-680, Horizontal Sky Loop, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), April ARDXC Australian DX News via DXLD)

** TAIWAN. 9470 // 9660 // 9680 TAIWAN. RTI, 1200, 3/30/2019. RTI with same OM in Chinese on all three frequencies. Good signals at 1200 but fading and almost gone by 1215. All [sic] (Bob Dodt, VA, ICOM-750, Alpha Delta DX SWL Sloper, NASWA Flashsheet via DXLD)

?? How do you know you were not instead hearing CNR1 jammers on all

three? No QRM? I have to keep raising this question as people apparently just don't get it. If you can really tell the difference between CNR1 and whatever it may be jamming, or even understand Chinese, you should say so explicitly; and account for hearing only one signal per frequency if so. I expect the ChiCom be jubilant over foreigners fooling themselves into thinking they are *not* jamming (Glenn Hauser, DXLD)

** TAIWAN. 21530.146, SOH Mandarin program, S=4 at 0641 UT on April 1.
18899.757, SOH Mandarin program, S=6-7 at 0643 UT, flute mx.
15294.961, SOH Mandarin sce, S=6 at 0652 UT.
15340.225, SOH Mandarin sce, S=8 at 0653 UT.
15799.925, SOH Mandarin sce, S=7 at 0708 UT.
15869.937, SOH Mandarin sce, S=7 at 0709 UT.
15919.906, SOH Mandarin sce, S=7 at 0710 UT.
15940.017, SOH Mandarin sce, S=8-9 at 0713 UT, plus ditler bubble.
Log at eastern Thailand on Uwe's Perseus remotely access
installation: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

Note they are all significantly off-frequency, and apparently without CNR1 or Firedrake jamming. Others seeking to log Sound of Hope, especially way out of band, should take note (gh, DXLD)

6280, Sound of Hope, at 1100, on April 5. The usual OM & YL with "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station) ID (thanks to Amano-san's assistance); // 6230. My audio at <http://bit.ly/2UxfYGd>
(Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, WOR iog via DXLD)

** THAILAND. Bangkok Radio Volmet --- Received QSL letter and map from Bangkok Radio Volmet - The Meteorological Department of Thailand for a report dated February 18, 2019. The station transmitted weather information in USB mode at several frequencies. The letter was sent from Thailand on March 18, 2019.
<http://freerutube.info/2019/03/27/qs1-bangkok-radio-volmet-tailand-fevral-2019-goda/>
(Dmitry Elagin, Saratov, Russia, QSL World, RusDX 31 March via DXLD)

** TIBET. 4919.98, CHINA P.R., PBS Xizang, Lhasa Baiding, in Tibetan 03.26.2019 2137-2205 woman host chatting with women and men, singing chants at times, woman local slow lyric chant with instrumental music, music pauses and man /woman talk; woman host chatting with other man over slow music (phone calls), singing chant; same woman talk, man local chant; heard in usb, moderate qsb and qrn rustle, fair; in //

4905 fair; // 6130 poor with strong splats/ fair to good after 2200;
// 7255 poor /from 2200 overwhelmed by severe splats; // 7385 good
(Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL
Sloper-S antenna; DX LISTENING DIGEST)

CHINA, Reception of PBS Xizang Holy Tibet in 31mb, March 28:
0700-0800 on 9580 LHA 100 kW / 290 deg to EaAs English, fair

<https://swldxbulgaria.blogspot.com/2019/03/reception-of-pbs-xizang-holy-tibet-in.html>

(Ivo Ivanov, SWLDXBulgaria News March 26-29, DX LISTENING DIGEST)

** TIBET [non]. UZBEKISTAN [sic], Frequency change of Voice of Tibet
on March 28

1230-1300 NF 9884 DB 100 kW / 131 deg to CeAs Tibetan, ex 9885

1335-1400 NF 9889 DB 100 kW / 131 deg to CeAs Tibetan, ex 9884

https://swldxbulgaria.blogspot.com/2019/03/frequency-change-of-voice-of-tibet-on_29.html

(Ivo Ivanov, SWLDXBulgaria News March 26-29, DX LISTENING DIGEST)

TAJIKISTAN, New frequencies of Voice of Tibet, April 1

1230-1235 on 9909 DB 100 kW / 131 deg to CeAs Tibetan

1235-1305 on 9901 DB 100 kW / 131 deg to CeAs Tibetan

1305-1335 on 9884 DB 100 kW / 131 deg to CeAs Tibetan

1335-1400 on 9876 DB 100 kW / 131 deg to CeAs Tibetan

<https://swldxbulgaria.blogspot.com/2019/04/new-summer-frequencies-of-voice-of.html>

(Ivo Ivanov, SWLDXBulgaria News April 1/2, DX LISTENING DIGEST)

TAJIKISTAN, Frequency changes of Voice of Tibet, Apr 4

1230-1235 NF 9899 DB 100 kW / 131 deg to CeAs Tibetan, ex 9909

1235-1240 NF 9891 DB 100 kW / 131 deg to CeAs Tibetan, ex 9901

1240-1305 NF 9899 DB 100 kW / 131 deg to CeAs Tibetan, ex 9891

1305-1310 NF 9889 DB 100 kW / 131 deg to CeAs Tibetan, ex 9884

1310-1335 on 9884 DB 100 kW / 131 deg to CeAs Tibetan, unchange

1335-1400 on 9894 DB 100 kW / 131 deg to CeAs Tibetan addit.freq

1330-1400 on 9876 DB 100 kW / 131 deg to CeAs Tibetan, unchange

<https://swldxbulgaria.blogspot.com/2019/04/frequency-changes-of-voice-of-tibet-in.html>

(Ivo Ivanov, SWLDXBulgaria News April 3-4, DX LISTENING DIGEST)

** TURKEY. 11730, Voice of Turkey at 1727 UT March 30 with Interval
Signal and English IDs. 5 plus 1 time pips at 1730 Sign On with news
followed by Letterbox at 1745. Good (Mick Delmage, Sherwood Park,
Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via
DXLD)

9515, March 31 at 0306, VOT English to N America at S9-S7. I had no
luck for the earlier broadcast March 30 at 22 or 23 on 9830 or 5960,

so this is my first A-19 QSY confirmation. Surely this will sidekick to 9515.7 at times (Glenn Hauser, OK, DX LISTENING DIGEST)

Another service ready with their interval signal on air:
9655.721 kHz this MUCH ODD frequency unit 'of five at Emirler'. 0953 UT much early on air, requested schedule at 1000-1055 UT in Georgian language. S=9+15dB signal in remote SDR at Moscow Russia (Wolfgang Bueschel, March 31, dxldyg via DXLD)

9830, March 31 at 2225, VOT in English, S8-S9 with flutter, back on always-A-season frequency to North America at 22 instead of 5960 at 23 in Bs. No RTTY now, but 9830 fully occupied earlier in day: we can only hope it will always quit by 2158. Will Emirler knock this one off to 9830.7 at times too? (Glenn Hauser, OK, DX LISTENING DIGEST)

13635.712, very odd fq Voice of Turkey Turkish from Emirler site, S=9+35dB at 0610 UT, scheduled 06-13 UT.

13765.023, VoTurkey in Hausa to West Africa target azimuth, 500 kW male prayer at 0613 UT, S=8 or -78dBm. via remote in Holland [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD))

13635.712, Voice of Turkey, Turkish from Emirler site to Europe/NoAM, S=9 at 0739 UT in Doha Qatar backlobe, 500 kW, 06-13 UT. Doha Qatar remotely access installation log: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

Voice of Turkey on odd frequencies 9655.7 & 11765.7 April 1
1000-1055 9655.7 EMR 500 kW / 072 deg CeAs Georgian, instead of 9655
1500-1625 11765.7 EMR 500 kW / 100 deg WeAs Da/Pa/Uz instead of 11765
<https://swldxbulgaria.blogspot.com/2019/04/voice-of-turkey-on-odd-frequencies.html>
(Ivo Ivanov, SWLDXBulgaria News April 1/2, DX LISTENING DIGEST)

9830.05 approx., April 1 at 2228, VOT English to N America for A-19, no RTTY QRM, only slightly off-frequency+plus, pending a crash to 9830.7v one of these days. (I also must cope with a constant local device JBA carrier slightly off 9830.000.) But something else is already wrong: 2259 still on with IS, and 2300, 2-second-late, 6-pip mis-timesignal and into GERMAN! still past 2305 check, just like sloppyrotors at Emirler would do in B-season after 0000 on 5960. Fortunately now there are no legitimate broadcasters to collide on 9830 after 2300 (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

TRT Voice of Turkey on odd 9855.7 & 9505.7 kHz on April 4:
1000-1025 on 9855.7 EMR 500 kW / 032 deg to CeAs Tatar, instead of

1000-1055 on 9655.7 EMR 500 kW / 072 deg to CeAs Georgian, April 1
1530-1625 on 9505.7 EMR 500 kW / 105 deg to WeAs Azeri, ex 9505.0
<https://swldxbulgaria.blogspot.com/2019/04/trt-voice-of-turkey-on-very-odd-98557.html>

(Ivo Ivanov, SWLDBulgaria News April 3-4, DX LISTENING DIGEST)

15450, April 4 at 1320, no signal from VOT English to Europe and
USward from 1230 in A-19, nor have I been able to detect it
yet past few days; pitiful propagation? (Glenn Hauser, OK, DX
LISTENING DIGEST)

** TURKEY [non]. "Voice of Truth (Radiofonikos Stathmos I Foni Tis
Alithias)"

SOUTH AFRICA/GDR, Communist Parties Comintern Moscow broadcasts
on Eastern Block in Europe on 1956 - 1990 era:

Communist Comintern Division Of Labour.

7335 kHz Koenigs-Wusterhausen GDR, "Stimme der Wahrheit" war ein
griechischer kommunistischer Geheimsender, genannt
"Voice of Truth (Radiofonikos Stathmos I Foni Tis Alithias)"

Es gab eindeutig eine Arbeitsteilung bezueglich westlicher
kommunistischen. Parteien. Die DDR und BULGARIEN bedienten rundfunk-
und printmaessig GRC und TUR, sowie BUL die Perser bei Peyk-e-Iran, --
Rumaenien aber Spanien [R Espana Independiente aus Saftica bcast
center aus 1956 errichtet, aufgrund Comintern Moscow order !]
und Portugal waehrend Franco und Salazar Diktaturen ...
[R Portugal Livre from Saftica bcast center Romania].
Ungarn und CSSR bedienten die kommunistische Partei in Italien.

Starttermin fuer 'Bizim Radio' acc BBCMS war der 21.3.1958.

Gemeinsame Adresse beider tuerkischer Stationen war:
Box 16-367, S-10327 Stockholm, Schweden.

Markus Wolf war ja oft in Schweden, seine STASI Mannen haben die Post
dort bestimmt ueber die DDR Botschaft abgeholt und nach Ost-Berlin
gebracht.

7335 kHz fuer tuerk. und griech. Sendungen war eindeutig via KoeWu
im WINTER, im Sommer 9775 kHz, denn die Sendungen auf 7335 verstummen
fuer 6 Tage, als am 13. Nov. 1972 der Sturm den 243 Metermast in
Koe-Wu umstuerzen liess, und die Feeder oder Antennen von 7335 kHz
mit zerstoert wurden,
im WWDXC DXMagazine damals als BBCMS Tatsfield Meldung beschrieben.

Jedenfalls hatte 'Bizim Radio' eine groessere Anzahl Sendestunden, nur

immer eine Stunde dazwischen wurden die VoCTUR Sendungen
ausgestrahlt.

5915 BUL 1740-1810, 2000-2050
6200 BUL summers ! 0200-0250, 0300-0350sonntags, 0500-0550,
0700-0750
6200 DD = DDR, DD war die Abkuerzung aus BBCMS Tatsfield monitoring.
winters ! 1900-1950, auch 1700-2050.
7335 DD winters 1000-1100, 1100-1150, 1300-1500, 1500-1550, 1800-1900
9500 DD 0500-0530, 1015-1045, 1445-1515,
hat auch Bernd Friedewald in der 1985 Jahres-Liste.
9535 DD
9585 DD 0300-0350sonntags, 0600-0800, 1300-1350sonntags UTC,
auch 1300-2150 genannt.
9600 DD
11820 DD 1015-1045 [muesste man mal mit RBI Koe-Wu Schedule
vergleichen,
oder ob DLS Sendepause von 6115 und 7300 kHz genutzt wurde ...].
1100-1200, 1400-1600, auch 0200-0450 und 0800-1250 genannt.

Die Frequenzen von VoCPTurkey: W=winter
[Voice of the Communist Party of Turkey]

5915 BUL 2000-2100
6200 BUL summers 0400-0450W, 0600-0650W, 1500-1600, 1900-2000W, 2100-
2200W
6200 DD winters 1800-1850, 2000-2050, 2200-2250
7335 DD winters 0800-0850, 1000-1050, 1200-1250sonntags, 1600-1650,
1700-1750
9585 DD summers/ganzjaehrig 0400-0450, 0600-0650, 0800-0850,
1200-1300 UT
11820 DD 0800-1000, 1300-1400.

Ich bin mir auch gar nicht sicher, ob die Sendung auf 6200 kHz nur
fuer die Tuerkei selbst gedacht war, oder nicht auch die tuerkischen
Gastarbeiter in Westeuropa bedient werden sollten ? (wb df5sx, wwdxc
BC-DX TopNews March 30) (BC-DX 31 March via DXLD)

** UKRAINE. Until May 2019, "Ukrainian Radio" will continue to
broadcast on medium waves at a frequency of 549 kHz with a transmitter
in the village of Luch (Nikolaev region), from where the occupied
Crimea is covered by broadcasting. About this site "Detector Media"
said the member of the Board of the National Public TV and Radio
Company of Ukraine (NSTU) Nikolay Chernotitsky.

"Until May of this year, the NSTU committed itself to continue to
broadcast on medium waves at a frequency of 549 kHz with a
transmitter. The beam performs it. However, the operation of this

particular transmitter is incredibly energy-consuming, for which it is not effective. The transmitter itself is from Soviet times, it very old, tube-based, therefore it requires replacement by the operator," he explained.

Mr. Chernotitsky noted that the operation of the transmitter in the Beam costs the company more than 16 million UAH. for a year. "For understanding, transmitter operation in seconds. A beam for broadcasting on medium waves costs the company more than 16 million hryvnas per year, which is about 30% of the total amount for broadcasting all the Radio Public Channels," said the board member of NSTU.

According to him, NSTU appealed to the National Council with a request to replace the transmitter with a more modern one or launch a new frequency in the Kherson region for more efficient broadcasting of "Ukrainian Radio" to the territory of Crimea on medium waves.

Of course, we strive to optimize all irrational expenses, just as we strive to switch to more modern broadcasting technologies. Actually, with this question we repeatedly appeal to the National Council and operator regarding the replacement of this transmitter with a modern one or launch of a new frequency in the Kherson region for more effective broadcasting of Ukrainian radio to the territory of the Crimea on medium waves, as was done at Chasovoy Yar for broadcasting to the territory of Donbass ", said Nikolai Chernotitsky.

NSTU also plans to receive FM frequencies for the Kultura and Luch radio in Kiev. "We plan to increase the coverage of the broadcasting territory of Radio Culture and Radio Ray is in FM, so now we are looking forward to the contest on April 4, where we want to receive frequencies for these radio channels in Kiev. After this contest, we will take part in all other contests, that the National Council on Television and Radio Broadcasting in the regional centers will announce for the development of the networks of the second and third radio channels of the Public, said a member of the NSTU board.

Recall, on March 21, National Council member Oleg Chernysh boycotted meetings of the National Council on Television and Radio Broadcasting, because colleagues refused to hold a competition for frequencies for Public Radio. At the previous meeting, on March 14, the majority of the National Council members did not support the proposal of Mr. Chernysh to announce a contest for 14 FM frequencies in regional centers for the development of the network of the second channel of the Public Radio in Luch. National Council Chairman Yuri Artemenko said that "a few days ago NSTU refused to broadcast medium wave broadcasting." A member of the National Council, Sergey Kostinsky, added that the NSTU refuses to speak, because it has a difficult

financial situation Source: Public. Media Detector Portal.
(<http://proradio.org.ua/news/2019mar.php>)
(via RusDX 31 March via DXLD)

First program of Ukrainian Radio will stop broadcasts on 549 kHz from the station at Luch in May 2019, then it will replace transmission with FM frequencies. Only one frequency will be in use - 873 kHz.
Source: <http://www.vcfm.ru/> and <https://detector.media>
Ivan Lebedevsky, St.Petersburg, Russia (24/3-2019)
(<https://mediumwave.info/news.html>)
(via RusDX 31 March via WORLD OF RADIO 1976, DXLD)

** U A E. Just returned Friday from Ras al Khaimah and moving the antenna diplexer originally on 1269 to 1476 (100 kW). Should be back on air in a few days (Ben Dawson, WA, April 3, DX LISTENING DIGEST)

1269 was Radio Asia with 200 kW per WRTH 2019 (gh, DXLD)

** U A E. 21690even, RFA Tibetan sce via Encompass Digital Media Services relay at Al Dhabbaya, 0639 UT S=9 in Thailand. CNR jamming weak only underneath. The only 13 mb channel. Log at eastern Thailand on Uwe's Perseus remotely access installation: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews April 1, dxldyg via DXLD)

** U K [and non]. Speaking of the BBC, I notice that they were prompt in posting the A-19 BBCWS schedule on their website March 31, including the transmitter site charts. Often it has taken them several days to update the frequency listings, and several weeks to update the site info. Perhaps the Meyerton closure with the resultant change in beams directed to Africa made the update more of a priority.
<https://www.bbc.co.uk/programmes/articles/2x9tqt6mc05vB2S37j8MWMJ/global-short-wave-frequencies>
(Stephen Luce, Houston, Texas, March 31, WOR iog via DXLD)

By target area, then by time, frequencies; further pdf link from each target area to charts with sites. Titled ``January`` but all dated ``Summer 2019`` within; must be confusing in Hemisphere South, e.g.
http://downloads.bbc.co.uk/worldservice/schedules/frequencies/bbc_world_service_south_africa_frequencies.pdf
And of course, nothing whatsoever for the Western Hemisphere (except edge of W Africa). Do they still call it ``World`` service??? Make that BBCEHS (gh, DXLD)

Frustratingly, BBC has not updated the six-month PDF program schedules on its web site. The schedules listed on the page
<https://www.bbc.co.uk/programmes/articles/5nCxH0NlsPtyW8WvJ0rwDJP/about-world-service-radio>

are still the ones posted on October 26, 2018 (Mike Cooper, Apr 4, DXLD)

** U K. 7300, April 1 at 0040, sounds like BBCWS in science magazine, now about LEO satellites, S9/+10. 0058 wrap up `Science in Axion`, 0059.5* chop off. HFCC shows Woofferton eastward this hour only. Offers a decent chance to hear in its long-abandoned N American target area (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 245 kHz, April 1 at 0612 UT, ND beacon FS is JBA! Is at Rock, Sioux Falls, South Dakota, 400 watts per dxinfocentre. LW storm noise level is unusually low so I take advantage for some sleepertime beepery.

293 kHz, April 1 at 0615 UT, ND beacon FBY, which is 25 watts from Fairbury, Nebraska.

329 kHz, April 1 at 0618, ND beacon PMV, 25 watts from Plattsmouth, Nebraska (a flood area, I think). Also logged one from CANADA, q.v.

341 kHz, April 4 at 0549 UT, as I am copying ND beacon YYU from Kapuskasing, CANADA, another one on same frequency at higher pitch, much weaker is OIN, 25 watts from relatively close Oberlin, Kansas, new here. Wait a minute, what about my local on 341, Enid's own EI ---? Must be off (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 5896.5-USB, March 27 at 0031, joint Air Force/Navy MARS net, mostly VP-P; calls heard include NNA6AR, AFA6UB, NCS387, NCS307 (or are they NPS---? only these are not fonetik); ACA70 refers to a different frequency but never spoken in the clear; 0037 I think they were to close with SSTV but too weak to hear any beepery. Amid just as weak broadcast signals 5890 & 5900 which are not a problem (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Department of Defence [sic] has a Provisional Timeslot on WWV and WWVH!

From April 20 to 3 May, WWV and WWVH will broadcast a DOD message at 10 minutes past the hour on WWV and at 50 minutes past the hour on WWVH. This April-May time period coincides with the Vital Connection interoperability exercise being held in Wisconsin.

Future timeslots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in Aug and the DOD COMEX 19-4 in Oct. Following the proof of concept this year, we anticipate that the DOD broadcast time slot will become year-round full time.

This broadcast timeslot will voice announce upcoming exercises and how

the amateur radio community can become involved in various exercises. To begin, the broadcast messages will likely be static...future exercises we hope to be able to update the broadcast throughout the exercise as notional conditions change.

The broadcast message will ask listeners to provide reception reports and feedback to a specified URL.

Tune into WWV/H on 2.5, 5, 10, 15, and 20 MHz and submit a reception report and requested feedback.

Most of us should be able to hear one of those frequencies so let me know what you hear! (John Volpato, Utility DX Report, April ARDXC Australian DX News via WORLD OF RADIO 1976, DXLD)

** U S A. Article About VOA, RFE/RL and U.S. Radio Propaganda

This from one of my favorite monthlies: the always interesting and frequently infuriating The Baffler.
<https://thebaffler.com/salvos/an-american-tale-ghodsee>

Those who've been listening long enough probably won't find too much that's strictly new, but it's still an interesting read! 73, (Andy Robins, Kalamazoo, Michigan USA, April 2, WOR iog via DXLD) indeed

** U S A [and non]. For a discussion of whether Radio Free Asia should provide content in English, including to the USA, see this thread (the original tweet and its responses). You do not need a Twitter account to read it.

It is started by Matt Armstrong, former member of the BBG. I weigh in. So do Steve Herman, VOA White House correspondent, and Rob Bole, former BBG director of global strategy. The thread is probably still a work in progress, so join in, although in this case you would need a Twitter account.

<https://twitter.com/mountainrunner/status/1111701617785614337>
(Kim Elliott, Mar 29, WOR iog via DXLD)

Would be anyone there interested in a comment from Germany at all? (Even if so: A Twitter account --- perhaps at a later point, with more available time than now...)

But I could suggest for an interesting debate that someone asks this former BBG member why he is so worried about influencing the domestic public: So he considers it the very purpose of USAGM to churn out governmental propaganda? He says that it is not a bad clich  but a matter of course that USAGM "networks" (as they now say) are mouthpieces of the administration? (Kai Ludwig, March 30, ibid.)

** U S A. USAGM audience increase --- 1 Files 38KB JPG 38KB Save

USAGM (US international broadcasting and associated media) reported a 24 percent increase in measured audience in 2018. Why the sudden increase? Did a major war break out? No, the measurement methodology changed ...

<https://www.uscpublicdiplomacy.org/blog/usagm-audience-increase-less-startling-meets-eye>

(via Kim Elliott himself, March 27, WOR iog via DXLD)

<http://bbgwatch.com/bbgwatch/former-analyst-challenges-usagm-audience-measurement-methods-claims-of-sharp-increases/#comment-703>

Also -- our sources say there is a WSJ article coming up -- I think it's likely to focus on the story about RFE/RL helping the Tajik dictator.....

<https://eurasianet.org/us-funded-broadcaster-under-scrutiny-for-enabling-tajikistans-strongman-rule>

(Dan Robinson, March 28, DX LISTENING DIGEST)

[non] Reminds me of a long known phenomenon here in Germany: Listener numbers for German-language RTL radio from Luxembourg which are hard to believe. Hardly anyone will say it openly, but it appears to be a widely shared opinion that a hard to estimate number of these listeners should rather count for FM operations. It does not appear to be a far-fetched assumption that it will not necessarily be possible to determine in a telephone survey which "RTL" someone listens to who says that he listens to "RTL".

Then the programme names, prone to confusion: The brand "Nastoyastcheye Vremya" looks from the onset like an answer to "Vremya". And so the same kind of answers to IRIB programmes have been created as well? Of course only mean people do not believe that any false positives in audience research are completely unintended.

Which leads to the core question: To which extend are decision makers in international broadcasting interested in reliable data about audience numbers at all? Not just in something impressive they can present to their financiers?

To be frank: I routinely ignore all the hurray from the BBC press office, in particular since they introduced the narrative of "the biggest expansion since the 40s" that ignores the big demolition in Europe a while ago (long enough to be forgotten they in W1A apparently believe). And the same now goes for the hurray from USAGM, because they have a too obvious reason for churning it out: The rather severe

budget cuts White House now tries to introduce for the third time in a row, together with the defunding of Corporation for Public Broadcasting.

And it doesn't appear to be new to me. How about the QSL card cult successfully created decades ago? Listeners need every card from the new series? Even "diplomas" being issued; bronze, silver, gold, Eichenlaub mit Schwertern? Any "reception report" may have been of little use for frequency planning purposes, if they have been analysed by technical departments at all (would be interesting to learn the truth about this), but could be counted as a listener response.

I once talked to someone who said that the small foreign services have presumably in fact an audience of less than 10,000. Both in the past on shortwave and now online (Kai Ludwig, Germany, March 30, WOR iog via DXLD)

Re: [WOR] USAGM audience increase ==== USAGM responds ...
<https://www.uscpublicdiplomacy.org/blog/usagm%E2%80%99s-global-reach-more-meets-eye>
which responds to

<https://www.uscpublicdiplomacy.org/blog/usagm-audience-increase-less-startling-meets-eye>
(Kim Elliott, WOR iog via DXLD)

A completely separate article, from inventor of the new USAGM brand:
<https://www.uscpublicdiplomacy.org/blog/usagm%E2%80%99s-global-reach-more-meets-eye>

It underlines something else: The observation of "the dominating Angloamerican perspective", stated by Deutsche Welle to emphasize the significance of its services for the Middle East (Kai Ludwig, *ibid.*)

Here is my article at the USAGM/BBG Watch watchdog site that gets to more of the significance and background of this:

<http://bbgwatch.com/bbgwatch/former-analyst-challenges-usagm-audience-measurement-methods-claims-of-sharp-increases/>
(Dan Robinson, April 9, DXLD)

** U S A. Change in USAGM QSL Policy --- ÑWe have recently instituted a one-QSL-per-month-per-person policy. If you wish to receive another QSL please send another report next month. US Agency for Global Media Transmission & Engineering Directorate - Broadcast Technologies Division. qsl@usagm.gov.i (via Frank Helmbold, 3 April 2019, via Hansjoerg Biener, DXLD)

** U S A [non]. A-19 frequency changes of VOA/R.Ashna/Deewa Radio:
https://swldxbulgaria.blogspot.com/2019/03/summer-19-frequency-changes-of_30.html
(Ivo Ivanov, SWLDXBulgaria News March 30, DX LISTENING DIGEST)
viz.:

[with kW / azimuths]

0000-0100	on	7250	UDO	250	/	311	CeAs	Tibetan VOA,	ex	KWT
0000-0100	NF	9600	PHT	250	/	332	EaAs	Chinese VOA,	ex	9880
0030-0100	NF	7495	LAM	100	/	080	WeAs	Pashto Radio Ashna,	ex	13730 UDO
0030-0100	NF	9480	UDO	250	/	300	WeAs	Pashto Radio Ashna,	ex	15090
0100-0200	NF	13745	UDO	250	/	304	WeAs	Pashto Deewa Radio,	ex	15490
0100-0130	NF	7495	LAM	100	/	080	WeAs	Dari Radio Ashna,	ex	13730 UDO
0100-0130	NF	9480	UDO	250	/	300	WeAs	Dari Radio Ashna,	ex	15090
0130-0200	NF	7495	LAM	100	/	080	WeAs	Pashto Radio Ashna,	ex	13730 UDO
0130-0200	NF	9480	UDO	250	/	300	WeAs	Pashto Radio Ashna,	ex	15090
0200-0230	NF	7495	LAM	100	/	080	WeAs	Dari Radio Ashna,	ex	13730 UDO
0200-0400	NF	13745	UDO	250	/	304	WeAs	Pashto Deewa Radio,	ex	15490
0400-0500	on	15150	UDO	250	/	316	CeAs	Tibetan VOA,	ex	KWT
0430-0500	on	11995	KWT	250	/	205	SoAf	Kirundi VOA,	ex	BOT
0500-0530	NF	6180	ASC	250	/	027	WCAf	Hausa VOA,	ex	6035
0500-0600	on	15140	UDO	250	/	316	CeAs	Tibetan VOA,	ex	KWT
0500-0600	NF	21620	PHT	250	/	315	CeAs	Tibetan Mon VOA,	ex	21630
0500-0600	NF	21630	PHT	250	/	315	CeAs	Tibetan Tue VOA,	ex	Daily
0500-0600	NF	21640	PHT	250	/	315	CeAs	Tibetan Wed VOA,	ex	21630
0500-0600	NF	21650	PHT	250	/	315	CeAs	Tibetan Thu VOA,	ex	21630
0500-0600	NF	21580	PHT	250	/	315	CeAs	Tibetan Fri VOA,	ex	21630
0500-0600	NF	21600	PHT	250	/	315	CeAs	Tibetan Sat VOA,	ex	21630
0500-0600	NF	21610	PHT	250	/	315	CeAs	Tibetan Sun VOA,	ex	21630
0530-0600	on	9885	WOF	250	/	165	CeAf	French Mon-Fri VOA,	ex	SMG
0830-0900	NF	9410	SAO	100	/	100	WCAf	French Wed/Sat VOA,	ex	12030
1100-1200	NF	7470	UDO	250	/	030	EaAs	Chinese VOA,	ex	6110
1100-1200	NF	9460	PHT	250	/	315	EaAs	Chinese VOA,	ex	9845
1200-1300	NF	7470	UDO	250	/	030	EaAs	Chinese VOA,	ex	6110
1200-1300	on	9490	UDO	250	/	038	EaAs	Korean VOA,	ex	TIN
1300-1400	NF	7570	UDO	250	/	054	CeAs	Cantonese VOA,	ex	7575
1300-1400	on	12045	UDO	250	/	038	EaAs	Korean VOA,	ex	TIN
1300-1400	NF	13820	KWT	250	/	078	WeAs	Pashto Deewa Radio,	ex	13590 UDO
1300-1400	NF	15165	UDO	250	/	014	EaAs	Chinese VOA,	ex	15110
1300-1700	NF	15640	LAM	100	/	092	WeAs	Pashto Deewa Radio,	ex	15330
1400-1500	on	9740	KWT	250	/	070	CeAs	Tibetan VOA,	ex	UDO
1400-1500	NF	9470	PHT	250	/	349	EaAs	Chinese VOA,	ex	9900
1400-1500	on	12045	UDO	250	/	038	EaAs	Korean VOA,	ex	TIN
1400-1500	on	13575	SAI	100	/	310	CeAs	Cantonese VOA,	addit	
1400-1500	NF	13820	KWT	250	/	078	WeAs	Pashto Deewa Radio,	ex	13590 UDO
1400-1500	on	15460	SAO	100	/	138	SoAf	Kirundi Sat/Sun VOA,	ex	MEY
1400-1500	NF	15660	SAO	100	/	100	SoAf	Kirundi Sat/Sun VOA,	ex	15675
1400-1500	on	15730	BIB	100	/	085	CeAs	Tibetan VOA,	ex	PHT
1430-1500	on	7495	UDO	250	/	300	WeAs	Pashto Radio Ashna,	ex	KWT

1500-1530 NF 13770 SAO 100 / 000 WCAf Hausa VOA, ex 13700
 1500-1600 NF 13820 KWT 250 / 078 WeAs Pashto Deewa Radio, ex 13590 UDO
 1500-1630 on 7495 UDO 250 / 300 WeAs Dari Radio Ashna, ex KWT
 1530-1600 NF 13770 SAO 100 / 000 WCAf Hausa Mon-Fri VOA, ex 13700
 1530-1600 on 17700 WOF 300 / 165 WCAf Hausa Mon-Fri VOA, ex SMG
 1600-1630 NF 5930 BOT 100 / 350 SoAf English VOA, ex 6080 SAO
 1600-1700 NF 13820 DHA 250 / 045 WeAs Pashto Deewa Radio, ex 13590 KWT
 1630-1700 NF 5930 BOT 100 / 350 SoAf English Sat/Sun VOA, ex 6080 SAO
 1630-1700 on 11910 SAO 100 / 138 SDN English SoSudan M-F VOA, ex MEY
 1630-1700 on 17655 WOF 250 / 165 CSAf Portuguese Fri VOA, ex SMG
 1700-1730 NF 5930 SAO 100 / 020 CeAf English Sat/Sun VOA, ex 6080 MEY
 1700-1730 on 15180 SAO 100 / 100 SoAf Kirundi VOA, additional
 1700-1800 NF 5890 LAM 100 / 088 WeAs Pashto Deewa Radio, ex 5885 KWT
 1700-1800 NF 7435 UDO 250 / 305 WeAs Kurdish VOA, ex 7485
 1730-1800 NF 5930 SAO 100 / 020 CeAf English VOA, ex 6080 MEY
 1730-1800 NF 11610 WOF 300 / 126 EaAf Oromo Mon-Fri VOA, ex 15330 SAO
 1730-1800 NF 15660 SAO 100 / 076 EaAf Oromo Mon-Fri VOA, ex 15640 WOF
 1800-1900 NF 5890 LAM 100 / 088 WeAs Pashto Deewa Radio, ex 5885 KWT
 1800-1900 NF 11610 WOF 300 / 126 EaAf Amharic VOA, ex 15330
 1800-1900 NF 15660 WOF 300 / 120 EaAf Amharic VOA, ex 15640
 1830-1900 NF 6180 SAO 100 / 100 CeAf French VOA, ex 17530
 1830-1900 NF 11870 ASC 250 / 090 SoAf Kirundi M-F VOA, ex 11780 MEY
 1900-1930 NF 6180 SAO 100 / 114 CeAf French VOA, ex 17530
 1900-1930 NF 11610 WOF 300 / 126 EaAf Tigrinya Mon-Fri VOA, ex 15640
 1900-1930 on 11720 SAO 100 / 076 EaAf Tigrinya Mon-Fri VOA, ex BOT
 1900-1930 NF 15660 SAO 100 / 076 EaAf Tigrinya M-F VOA, ex 15330 BOT
 1900-2100 on 7485 PHT 250 / 021 EaAs Korean VOA, ex TIN
 1930-2000 NF 11870 BOT 100 / 350 SoAf Kirundi Mon-Fri VOA, ex 11780
 2100-2130 on 9490 DHA 250 / 240 WeAf French Mon-Fri VOA, ex KWT
 2100-2130 on 9740 WOF 250 / 165 WCAf French Mon-Fri VOA, ex SMG
 2330-0030 NF 7410 UDO 250 / 276 SEAs Burmese VOA, ex 7440
 ??????????? ?? Observer ? 1:50 PM March 30 (via DXLD)

** U S A [non]. 15180, March 31 at 1430, YL in SW/C Asian service? at S2-S4 but one of few signals on band. HFCC A-19 shows it's IBB in Uzbek this hour, 300 kW, 80 degrees from Woofferton UK, i.e. Radio Liberty (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 15730, April 2 at 1950, S9 open carrier, Greenville-B warming up for 2000 VOA French on same. Unlike B-18, in A-19 there is no VOA broadcast from another site just before this, so no need for a warmup on 15740 instead. Sked is now 2000-2030 daily in French, plus 2030-2100 Sun in French, Sat in Hausa. 17530 GB is already running in French from 1930 daily until 2030 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. WORLD OF RADIO 1974 MONITORING: 7780, WRMI at 0100 with Glenn Hauser's iWorld of Radio - Fair to Good with fading Mar 26

[UT Tue] ñ World of Radio replaces Radio IBC (Italian Broadcasting Corporation) at this hour (Mark Coady, ODXA iog via DXLD)

WORLD OF RADIO 1974 monitoring: confirmed Tuesday March 26 at 2030 on WRMI 7780, JBA. It's unclear when 1975 will be ready: see my notice atop (Glenn Hauser, OK, DX LISTENING DIGEST)

WORLD OF RADIO 1974 monitoring: Manuel MÈndez, Spain, reports: ``6190, Hamburger LokalRadio, Goehren, \*0700-0800, 30-03, English, ID iHamburger LokalRadioî, programs iMedia Network Plus and iWorld of Radioî. 25322``

Ivo Ivanov, Bulgaria, reports: ``GERMANY, Reception of World of Radio via HLR on 6190 CUSB, March 30, Edition 1974, instead of 1975, due to medical distraxions of Glenn Hauser

https://swldxbulgaria.blogspot.com/2019/03/reception-of-world-of-radio-via-hlr-on_30.html

0731-0800 6190 GOH 001 kW / 230 deg CeEu English Sat, fair signal

0631-0700 6190 GOH 001 kW / 230 deg CeEu English Sat, from April 8``

** U S A [and non]. WORLD OF RADIO 1975 monitoring: not confirmed, Saturday March 30 at 1531 on HLR 9485-CUSB; monitoring via UTwente, inaudible, altho earlier circa 1520 I thought I heard a trace of Keith Perron during MN+.

Confirmed Sat Mar 30 at 2100 on WRMI 9955, poor S4-S5; also confirmed UT Sun Mar 31 at 0030 on WRMI 7730, very good. Also confirmed UT Sun Mar 31 at 0318 on WA0RCR, 1860-AM, S9+20, about 3 minutes in so started close to nominal 0315 this week. Next:

2130 UT Sunday	WRMI 7780
0130 UT Monday	WRMI 9395
0230 UT Monday	WRMI 7780
0300vUT Monday	WBCQ 5130v Area 51
0330 UT Monday	WRMI 9955
0930 UT Monday	Unique Radio 5045-USB NSW
1800 UT Monday	IRRS 7290 Romania [ex-1900]
0030 UT Tuesday	WRMI 7730
0100 UT Tuesday	WRMI 7780
0800 UT Tuesday	Unique Radio 5045-USB NSW [2 editions]
2030 UT Tuesday	WRMI 7780
1030 UT Wednesday	WRMI 5950
2100 UT Wednesday	WRMI 9955
2100 UT Wednesday	WBCQ 7490v
0000 UT Thursday	WRMI 7730
0100 UT Thursday	WRMI 7780
0930 UT Friday	Unique Radio 5045-USB NSW

[it is unclear when 1976 will start airing, as 1975 has unavoidably begun 4 days late; stations please replay latest available edition if necessary]

WORLD OF RADIO 1975 monitoring: Ivo Ivanov, Bulgaria, reports:
``GERMANY, Reception of World of Radio via HLR on
7265 CUSB, March 31

<https://swldxbulgaria.blogspot.com/2019/04/reception-of-world-of-radio-via-hlr-on.html>

1031-1100 on 7265 GOH 001 kW / 230 deg to CeEu English Sun, weak``

Confirmed Sunday March 31 at 2130 on WRMI 7780, poor S5-S7.

Also confirmed UT Monday April 1 at 0130 on WRMI 9395, VG S9+20 (and still not on 5950).

Also confirmed UT Monday April 1 after 0230 on WRMI 7780, fair S9/+10.

Also confirmed UT Monday April 1 from 0301 on Area 51 webcast; and at 0323 on WBCQ 5130.41, VP and not // 3264.9.

Also confirmed UT Monday April 1 at 0330 on WRMI 9955, JBA. Next:

Oops, missed checking new time 1800 Monday April 1 on IRRS 7290 Romania; but another SWL program VG via UTwente at 1840

0030 UT Tuesday WRMI 7730
0100 UT Tuesday WRMI 7780
0800 UT Tuesday Unique Radio 5045-USB NSW [2 editions]
2030 UT Tuesday WRMI 7780
1030 UT Wednesday WRMI 5950
2100 UT Wednesday WRMI 9955
2100 UT Wednesday WBCQ 7490v
0000 UT Thursday WRMI 7730
0100 UT Thursday WRMI 7780
0930 UT Friday Unique Radio 5045-USB NSW
(Glenn Hauser, OK, DX LISTENING DIGEST)

9395, WRMI at 0130 with Glenn Hauser's iWorld of Radio - Good Apr 1 [UT Mon] ñ Nice to see Glenn is taking care of his health and is somewhat back on schedule doing what he loves to do (Mark Coady, Selwyn, Ontario, Drake SPR-4, Kenwood TS440S, or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles (OCFD), ODXA iog via DXLD)

WORLD OF RADIO 1975 monitoring: confirmed UT Tuesday April 2 at 0030

on WRMI 7730, VG; also at 0100 on 7780, S9/+10, F-G. Next:

2030 UT Tuesday WRMI 7780
1030 UT Wednesday WRMI 5950
2100 UT Wednesday WRMI 9955
2100 UT Wednesday WBCQ 7490v
0000 UT Thursday WRMI 7730
0100 UT Thursday WRMI 7780
0930 UT Friday Unique Radio 5045-USB NSW

WORLD OF RADIO 1975 confirmed, Tuesday April 2 at 2030 on WRMI 7780, VP S4. Next:

1030 UT Wednesday WRMI 5950
2100 UT Wednesday WRMI 9955
2100 UT Wednesday WBCQ 7490v
0000 UT Thursday WRMI 7730
0100 UT Thursday WRMI 7780
0930 UT Friday Unique Radio 5045-USB NSW

[it is unclear when 1976 will start airing, as 1975 has unavoidably begun 4 days late; stations please replay latest available edition if necessary. Hopefully by Friday April 5]

WORLD OF RADIO 1975 monitoring: confirmed Wednesday April 3 at 2100 on WRMI 9955, S8-S9; and 4 seconds later on WBCQ 7490.15v, S3-S5.

Missed checking UT Thu April 4 at 0000 on WRMI 7730 while I was at a planetarium show by Northern Oklahoma College; confirmed at 0125 UT Thu April 4 the 0100 on WRMI 7780, fair-poor.

WORLD OF RADIO 1976 contents: Antarctica, Australia, Brasil, Colombia, Congo DR, Cuba/China, Germany, Iran, Japan and non, Korea North non, Madagascar, Mali, Myanmar, Netherlands, New Zealand, Nigeria, Poland, Sikkim, Solomon Islands, South Africa, Spain, Sudan, Suriname, Turkey, Ukraine, USA, Zambia; and the propagation outlook

Ready for first airings Saturday April 6; it seems our cycle will be Saturday to Friday for a while, so the freshest material will be heard on weekends.

0629 UT Saturday HLR 6190-CUSB Germany [ex-0729]
1000 UT Saturday Unique Radio 5045-USB NSW [April 13, alt weeks]
1130 UT Saturday WRMI 9955
1431 UT Saturday HLR 9485-CUSB Germany [ex-1531]
1930vUT Saturday WAORCR 1860-AM
2100 UT Saturday WRMI 9955
0030 UT Sunday WRMI 7730
0300vUT Sunday WAORCR 1860-AM [nominal 0315]
0830 UT Sunday WRMI 5850 5950 7730

1030 UT Sunday HLR 7265-CUSB Germany
 2130 UT Sunday WRMI 7780
 0130 UT Monday WRMI 9395
 0230 UT Monday WRMI 7780
 0300vUT Monday WBCQ 5130v Area 51
 0330 UT Monday WRMI 9955
 0930 UT Monday Unique Radio 5045-USB NSW
 1800 UT Monday IRRS 7290 Romania
 0030 UT Tuesday WRMI 7730
 0100 UT Tuesday WRMI 7780
 0800 UT Tuesday Unique Radio 5045-USB NSW [2 editions]
 2030 UT Tuesday WRMI 7780
 1030 UT Wednesday WRMI 5950
 2100 UT Wednesday WRMI 9955
 2100 UT Wednesday WBCQ 7490v
 0000 UT Thursday WRMI 7730
 0100 UT Thursday WRMI 7780
 0930 UT Friday Unique Radio 5045-USB NSW

Full schedule including AM, FM, webcasts, satellite, podcasts:
<http://www.worldofradio.com/radioskd.html>
 (Glenn Hauser, OK, DX LISTENING DIGEST)

WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ WBCQ:

** U S A. WBCQ Superstation in the news!

260 foot tower antenna in Monticello nearing completion
 The skyline in Monticello looks a lot different now. A 260 foot tower
 that will be soon be home to one of the largest short wave radio
 stations in the world is nearing completion. News Source 8's Ashley
 Blackford has the story.

<https://www.wagmtv.com/content/news/260-foot-tower-antenna-in-Monticello-nearing-completion-507864781.html?>
 (via Artie Bigley, OH, DXLD) interview with Allan Weiner

WBCQ audio archives --- I'm transitioning the WBCQ archives from the
 splatterbox server to the Internet Archive at <http://www.archive.org>
 Eventually the splatterbox server's audio archive will go away and
 most of the context will be put on archive.org.

The first set of audio I've posted here is for Allan Weiner Worldwide.
 The URL for the collection is:
<https://archive.org/details/@splatterbox3200>
 Eventually I'll arrange this space into "collections" for each radio
 show. Cheers, Lw (Larry Will, March 31, DX LISTENING DIGEST)

5130.48v, March 27 at 0208, WBCQ is on with dead air, no ham show audible (Glenn Hauser, OK, DX LISTENING DIGEST)

7490.15, UT Sat March 30 at 0050, WBCQ is playing a lot of music, DJ Larry Will, Jane, et al., so is it really called Allan Weiner Worldwide? Live timechex, said would go off at 0100 and continue on 3265 ---- but 7490 did not cut off until 0113* after more music. John Carver files his fuller report:

``Tonight's show started at 0001 after an audio clip from One Flew Over the Cuckoos Nest. No voice overs during the theme song, then a clip of Allan flying off the handle about moonbats then into music which told me that Larry and Jane Will were doing the show this evening. Larry said that Allan and Angela were off on super, secret business for the station. Some talk of this week's special HAARP broadcasts, then a short description of what HAARP was and consisted of. Then a synopsis of all of the conspiracy theories involving HAARP. Some more music.

Then some talk of Ken Nordine and playing one of his bits from the record collection from the old WXM. A refreshing change from last week's Gloom and Doom show. A brief rundown about 3265 and the birth of the Falling Star Network. Said that Monday thru Friday 0100 to 0500 the programming came from Area 51 and Area 51 programmers. Said they are still running low power during this testing period and are still experimenting with different antenna systems though no technical details included.

Phone call at 0049 from Ramsey then into more music. Program was off the air at 0100. John, Mid-North Indiana`` (Glenn Hauser, OK, DX LISTENING DIGEST)

7490.15v, UT Mon April 1 at 0045, sacred choral music, S9+10 on `Encore` from Radio Tumbril via WBCQ. Brice Avery in Edinburgh is disappointed in lack of listener response to his new WBCQ broadcasts, in the form of QSL requests. Lack of any listing on the outdated WBCQ program schedule, nor any publicity on its website, surely do not help. Still showing for UT Mon 00-01 on 7490 is `Shoot the Darn Messenger`. He welcomes music requests and has had much better response to broadcasts via Channel 292 in Germany. Let's show him some support! (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

Area 51 webcast flowed on, UT Mon Apr 1 at 0400 after HRI and WBCQ 5130v presumably closed down --- with `Church of the Subgenius Hour of Slack`, reveling in how many F-bombs could be exploded since it is on internet only. I had thought that show was a bit more erudite (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. From the Isle of Music, April 7-13, 2019:
In honor of their current tour of the United States, we are rebroadcasting our interview (plus music) with CimaFunk, the new Funk sensation from Cuba. In the second half of the episode, we listen to music from some of the entries in the Fusion category of Cubadisco 2018. The broadcasts take place:

1. For Eastern Europe but audible well beyond the target area in most of the Eastern Hemisphere (including parts of East Asia and Oceania) with 100Kw, Sunday 1500-1600 UTC on SpaceLine, 9400 KHz, from Sofia, Bulgaria (1800-1900 MSK) Station website: www.spaceline.bg

2. For the Americas and parts of Europe, Tuesday 0000-0100 UTC (New UTC) on WBCQ, 7490 KHz from Monticello, ME, USA (Monday 8-9PM EDT in the US). Station website: www.wbcq.com

3 & 4. For Europe and sometimes beyond, Tuesday 1900-2000 UTC and Saturday 1200-1300 UTC on Channel 292, 6070 KHz from Rohrbach, Germany. Station website: www.channel292.de

Uncle Bill's Melting Pot, April 7 and 9, 2019: Música dominicana

Episode 107 is dedicated to the music of the Dominican Republic, including José Fermin Ceballos, Las Chicas del Can and Milly y Jocelyn & Los Vecinos. The transmissions take place:

1. Sundays 2200-2230 UT (6:00PM -6:30PM Eastern US) on WBCQ The Planet 7490 KHz from the US to the Americas and parts of Europe

2. Tuesdays 2000-2030 UTC on Channel 292, 6070 KHz from Rohrbach, Germany for Europe. Also recommended:

Marion's Attic, a unique program produced and hosted by Marion Webster featuring early 20th Century records, Edison cylinders etc played on the original equipment, comes on immediately before UBMP on Sundays from 2100-2200 UT on WBCQ 7490 KHz (William "Bill" Tilford, Owner/Producer, Tilford Productions, LLC, DX LISTENING DIGEST)

WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI WRMI:

** U S A. 9955, WRMI Radio Miami Int'l (presumed); 1416-1421+, 3/23; Religi-huxter Terry Blalock (presumed) with 34 huxtergasms in 5 minutes! SIO=3+53 fady (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST)

WRMI 7780: From my recording last Sunday evening, 31 March - 1 April UT (weak signal for the first hour or so; reception improved

significantly later):

2015 Viva Miami (Jeff talks to Tracy Williams (?) about SWling in the studio at Okeechobee; repeat)
2030 Reserve Military Retirement
2100 Wavescan (#527)
2130 World of Radio (#1975)
2200 Bob Biermann's Your Weekend Show
2300 Full Gospel Broadcast (tape bleed-through echo on screams)
2330 Shortwave Radiogram (#93)
0000 Radio Slovakia International in Slovak
0030 Radio Slovakia International in English
0100 Wavescan (#527)
0130 Through the Cross Ministry with Pastor Chuck
0200 Radio Prague in English
(-- Richard Langley, WOR iog via DXLD)

9955, Monday April 1 at 2140, Radio Free Grenada ID for 15105 kHz!
It's featured on 'La Rosa de Tokio' this week via WRMI; later discusses Radio Swan. This show and 'Historias de Radio' provide a *lot* of historical SW info with clips (Glenn Hauser, OK, DX LISTENING DIGEST)

At 0131 UT Tue April 2, Peter Hansen in FL reported to the WOR io group: ``No Argentina on 9395 tonight --- Argentina not on tonight, religion instead, Peace with God. No Albania at 0130 either, more religion. Peter W Hansen``

Could the relay contract have expired? So I check the confusing WRMI skedgrids. RAE English at 01 and all the other languages are still showing as before. Further monitoring: April 2 at 2115, 7780 is poor in RAE German; 9395 S9 with song in Spanish, 2118 sports report in RAE Italian.

9395, UT Wed April 3 at 0059 tune-in, double-audio! from WRMI: gospel huxter in English runs thru hourtop as 'Hope for the Heart', show title? while audible underneath is WRMI ID and 0100 RAE multi-lingual crutch filler, 0102 sign-on in English --- just as QRM stops since it's from a different transmitter! cutting off the air, clearing 9395 for RAE only; 0118 another multi-ling ID spiel. It's hard to imagine any other US station on 9395 by mistake, rather WRMI QRMing itself. Searching WRMI skedgrids, no hits on Hope or Heart.

9395, UT Wed April 3 at 0142 check, R. Tirana relay, Klara confirmed still on WRMI, S9+10, tho missing yesterday (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 5800, April 2 at 0623, OM solo song, VP S4-S5, need LSB

to avoid ute QRM plus. No legit broadcasters scheduled here except:
Guess what ---- now registered in Jeff's A-19 HFCC is WRMI available
24 hours on 5800 via 181 degree Cuban antenna; but surely not this
now, far too weak. Nor is it a Cuban spur as one must always
consider.

Checking full HFCC, 5800 and 11580 24h are the only RMI listings not
(yet?) in use, but most current frequencies are registered beyond
their axual hours.

However, Free Radio Service Holland publicized activity as of March 31
on 5800 i.a., but not mentioned at this specific time. Here's what
FRSH says:
<http://www.frsholland.nl/20-latest-news/129-frs-holland-on-air-on-sunday-march-31st-2019.html>
So it could well be some other Europirate now.

5800, April 3 at 1305, JBA carrier, nothing listed. Certainly not
Europirate at this hour; something E Asian? Or WRMI? (Glenn Hauser,
OK, WORLD OF RADIO 1976, DX LISTENING DIGEST) Yes, WRMI lowpower test

SMTV challenge --- Whenever I tune across Supreme Master TV on one of
its WRMI frequencies, I find it incomprehensible, boring, or
time-wasting with its cable channel lineup in Mongolia, etc.

But is there any meat, and in English? I challenge WOR iogroupies to
stick with it for 30, even 60 minutes and report the content --
summarize, not word for word of course, and offer your opinion about
its value (Glenn Hauser, April 2, WOR iog via DXLD)

Hi Glenn, Here is a link to their program schedule:
<http://suprememastertv.com/en1/schedule/>
It seems they have a 4 hour block of programs for the day that they
repeat 6 times. Some days no English, today 2 hours (Peter W Hansen,
FL, ibid.)

With no specific times, durations or frequencies. That was the *only*
reply to my Challenge, which says loads about SMTV; of course, I offer
no prizes for doing so (gh)

OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHER:

** U S A. 7505v, March 27 at 0213, no signal from WRNO, which reminds
me I have not heard it either for a few nights now.

7505v, March 28 at 0100, WRNO is back on after a few nights? off, S9
but just barely modulated. March 29 at 0125, now it's VG S9+10/20 with
fully modulated gospel huxter; 0522 hymn at S9+20 (Glenn Hauser, OK,

DX LISTENING DIGEST)

7505.021, WRNO, seemingly "Grace for Today" at 0828 UT on March 31, S=7 here in Germany and Belgium, signal heard up to remote SDR at Moscow Russia (Wolfgang Bueschel, March 31, dxldyg via DXLD) i.e. still in Chinese?

7505v, April 1 at 0541, WRNO is S5-S9 of dead air; in Chinese or English? (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 5050, April 1 at 0050, WWRB reactivated on A-frequency with politico-gospel huxters at S9+40. Likely the only frequency in use, no more 3185 or 3215; unless some Ugandans give it another try [on 15240] (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** U S A. 5890, April 2 at 0622, S9+40/50 of dead air, obviously WWCN transmitter normally off at this time; equivalent level to 5935 with DGS modulation. What of the other two? 4840 at 0630 is also dead air of S9+30, instead of Alex Jones? (who has admitted he is psychotic) -- no, scheduled InfoWars until 0600, then TOMBS here too; 3215 at 0633 is S9+20 with double-audio! at about equal level: TOMBS and something mentioning 1-800-VENUSLIVE (?). Both are on both LSB and USB; the least WWCN could do would be to separate them sidebandedly. Own WWCN program sked dated April 1 shows 3215 is supposed to be OFF the air at 05-09! (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 5830, April 2 at 1956, WTWW-1 night frequency with music after found missing from day frequency 9475; no doubt Ted failed to make the QSY yet again this morning (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 15555-USB, April 3 at 1441, piano hymn, music unusual on WJHR Milton FL, but soon back to gospel huxtering. Poor signal, but would you believe this 1 kW PEP is among the best on band, better than 100 kW's but JBA 15770 SMTV WRMI, and JBA carrier 15825 WWCN? Cubans also very weak. WJHR rarely audible at all. Narrow HF sporadic E boost? Maybe, but none showing on 10m DX map (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 15115-15120-15125, April 3 at 1442, WINB hybrid DRM on new frequency, ex-13750-13755-13760, but VP propagation. As always, DRM noise on top half only, some kind of secret data beepery (HF trading?) on bottom half. At least that distinguishes it from Voice of Nigeria, which also uses 15120 for full DRM normally after 1800, but has also shown up here much earlier in AM or DRM. I can hardly wait for a head-on DRM collision (Glenn Hauser, OK, WORLD OF RADIO 1976, DX LISTENING DIGEST)

New WINB DRM sked on 15120 is: M-F 11-17; which could overlap with DRM from Nigeria, as reported by Ivo Ivanov earlier:

[non] Reception of Voice of Nigeria in DRM mode, March 26
1600-1615 on 15119.9 AJA 250 kW / 007 deg to NoAf Arabic DRM
1615-1630 on 15119.9 AJA 250 kW / 007 deg to NoAf Igbo DRM
1630-1900 on 15119.9 AJA 250 kW / 007 deg to NoAf English DRM
<https://swldxbulgaria.blogspot.com/2019/03/reception-of-voice-of-nigeria-in-drm.html>
(Glenn Hauser, WORLD OF RADIO 1976, DX LISTENING DIGEST)

** U S A. 17774.990, April 4 at 1408, absolutely no signal from KVOH if it opened at 1400, or totally not propagating, as usually inaudible before noon here. By 1852 it's S7-S8 poor in music, but the OSOB! Built up to S9 of Spanish praise music by 1952 when I measure it: old transmitter was put on 17774.989, so I suspect this is still it, unless they have managed to tune replacement to the same offset? How about that, Ray Robinson? (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Don't tune in to harmful broadcasts - FCC's O'Reilly
<https://docs.fcc.gov/public/attachments/DOC-356868A1.pdf>
(via Benn Kobb, April 4, DXLD)

I.e. pirates, request from Commissioner O'Reilly sent to several US Reps from the NYC area urging them to discourage pirate radio and even help FCC bust 'em (gh, DXLD)

** UZBEKISTAN. Radio Menschen & Geschichten on March 31
1700-1800 on 7595 AM and probably
1830-1930 on 7595 DRM mode, please check
-- 73! (Ivo Ivanov, WOR iog via DXLD)

Probably from RRTM RED Telecom Tashkent Uzbekistan broadcast center, heard Radio Menschen & Geschichten on March 31 at 1720 UT with an average strength S=9+40dB POWERHOUSE over all Europe, Moscow, Finland, Friesland, Holland, Bavaria, Italy, Hungary, all loud and clear S=9+40 ... +45dB, well audio quality modulated.

in AM Mode, German hobby program on 'FM commercials'
in 1952 of Hessischer Rundfunk radio program on FM

"UKW heisst reiner Klang", ... ich tue dem Mann den Willen, funny
Torrero Hut Werber U.K. Willy visits the Hessia cities / town halls.
sehr kurzweilige Werbe Schnipsel ...
73 (wolfgang df5sx bueschel, DXLD)

UZBEKISTAN, Christian, mir hat Deine Sendung Spaß gemacht.

.... und um 1750 UT den Bericht über die ehemalige WERAG in Köln, dem Rundfunk-füllsender zum Langenberg-Sender im Westen Deutschlands unter der britischen Besatzung. Alexander Henseler interview, Radio Museum Köln Planung, Fritz-Encke-Volkspark, in Raderthal.

Heute wohnt im Haus eine bulgarische Familie.
<https://radiomuseuminsfunkhaus.de/>

1800:05 UT Cologne dialect song, Black Foess group
1803:48 Christian Milling Verabschiedung, bis zur nächsten Sendung am 28. April.
1803:56 UT Ende mit den Carillion_Glockchen bis 1804:15 UT,
TX Tashkent switch OFF at 1804:30 UT
(only DRM mode nearby of AIR India on 7550 kHz, S=9+45dB here in Germany at 18.05 UT.) 73 wb df5sx (Wolfgang Bueschel, ibid.)

** VATICAN. 11830, 31/Mar 1358, VATICAN (?) Vatican Radio. Mass celebrated by the Pope. Excellent signal from SDR Maalahti, Finland. Special transmission? (Jorge Freitas, My Blog:
<https://dxlogfreitas.blogspot.com/>
Feira de Santana Bahia 12014YS 38058YW - Brasil, Tecsun PL-310ET, Antenna Delta Loop, WOR iog via DXLD)

11830, Vatican Radio --- Yes, a special, announced as 1315-1515 and live coverage from the Pope's trip to Morocco. They did special broadcasts in Arabic during his recent visit in the Middle East as well.

By the way, it is interesting to note how much of the remaining own programming at Santa Maria di Galeria is liturgy now. In other words, how small the number of remaining editorial broadcasts is. Their withdrawal from this distribution platform not really stopped a year ago, with the fall of Monsignore Viganó (Kai Ludwig, ibid.)

** ZAMBIA. 5915, Zambia NBC, Radio 1, 1755-1822, 25-03, vernacular, at 1800 English, ID iZambia Broadcasting Corporation news in English at 1817 iThis is the end of the news, good eveningi, advertisements in English and vernacular comments. 24322. Also 1735-1804, 27-03, vernacular comments. 14321 (Manuel Méndez, Lugo, Spain, Log in Lugo, Fiol and Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

5915, R. One/ZNBC1. On March 26, tuned in at 0106 UT, to find them already broadcasting; decent reception; phone in segment in vernacular and pop African singing; 0247-0250, just carrier, with hum; 0250-0255, African fish eagle IS; still on the air at 0417. Attached African music (Ron Howard, CA, WOR iog via WORLD OF RADIO 1976, DXLD)

Hi Ron, I know you have heard them as early as 0141, now, thanks to a sleepless night it seems to me that ZNBC1 may have changed to 24H, at least in the short term. More monitoring needed. I don't recall ever hearing them beyond 1 a.m. (local) or 2300 UT, but I'm not normally listening at that time. Bill.

5915, ZNBC1, Lusaka. Mar 25, 2019 Monday 2125-2159 Afro music phone-in. Good. Joiburg sunset 1613.

5915, ZNBC1, Lusaka. Mar 26, 2019 Tuesday 2200-0100 Fish Eagles at 2200 (local midnight) with ID iZambia National Broadcasting Corporation ... Radio 1ii. Music continues but no phone in. At 2230 YL with monologue, mentions iJohn Chapter 8i. Several more mentions of iChapter 8i and iZambiai at 2243. iAmeni at 2252 then OM with religious-sounding song. Back to music at 2255, ID iRadio 1i at 2255, iZNBC Radio 1i at 2257, then monologue by OM. He listed several towns, phone numbers and Gmail addresses. Music at 2320, but fading now, getting unreadable. Still finding a carrier at 0100 (0300 local). Good till 2254 then began to fade out. Unreadable by 2340, but carrier still present. Joiburg sunrise 0414.

5915, ZNBC1, Lusaka. Mar 26, 2019 Tuesday 0400-0405 Talk and music. Fair-good. Joiburg sunrise 0414 (Bill Bingham, Jo'burg, RSA. Drake R8E, Sony ICF 2001D, WOR iog via DXLD)

Hi Bill - Am enjoying the return of Zambia. Ron (California)

5915, ZBC at 2310 UT March 26 in Language (?) playing songs like "Mzimu Wa Soldier" by Lucius Banda followed by talk (almost shouting or angry). Fair to Good (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop, WOR iog via DXLD)

5915, Zambia NBC, Radio 1, 1753-1805, 01-04, vernacular, comments, at 1800 English, news. 14311. Also 0415-0455, 02-04, vernacular comments, African songs. 15321 (Manuel MÈndez, Lugo, Spain, Logs Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

5915, R. One/ZNBC1, on April 4, from 0215-0254, with non-stop phone conversations in vernacular; 0254-0315, with Christian hymns and religious music (organ, etc.). Researching the web, found that the official religion of Zambia is Christianity and that David Livingstone (explorer, Christian missionary, etc.) helped spread the religion in this area of Africa (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

ZNBC1 24x7 --- Hi. I checked with our chief engineer in Zambia, who in turn spoke to the technical staff at ZNBC. They have confirmed that ZNBC1 is now running 24 hours on 5915 kHz (until the next breakdown or

power outage!).(Ray Robinson, Voice of Hope, April 5, WOR iog via WORLD OF RADIO 1976, DXLD)

Thanks very much, Ray. Nice to have our suspicions confirmed without staying up all night! (Bill Bingham, Jo'burg, RSA. WOR iog via DXLD)

** ZANZIBAR. 6015, ZBC (Dole). *0327-0400+ 25 March. Abrupt opening, mid-chat in Swahili, short 'live' speech with commentary after 0345, possibly ads around 0355, then nice long drumming bridge just before TOH, followed by pips (Dan Sheedy, Encinitas, CA, Eton/Grundig "Executive Satellit"/6m X wire, DX LISTENING DIGEST)

6015, ZBC Radio. On March 26, suddenly on at *0329:24 UT (Ron Howard, CA, WOR iog via DXLD)

TANZANIA, 6015. Mar 31, 2019. 0428-0438, Zanzibar Broadcasting Corporation, Dole, in Swahili. Female announcer talks news, presumably; 0435 ID and male voice talks news and ID two times. It's my best log of Zanzibar BC in last time, with good signal and modulation, 45444 (JRX_Jose Ronaldo Xavier, SWARL Callsign PR7036SWL, RX Logs: Sunday, March 31, 2019, Receiver (s): Degen DE1103 & Tecsun S-2000, Antenna: Longwire made by myself, Cabedelo, Brazil, WOR iog via DXLD)

UNIDENTIFIED. 4774.975, March 31 after 0600, romantic? song at S7 vs double-CODAR swooshes. I seldom pull any modulation here. First thought is Brasil or Per' which insist on colliding with each other; but if you believe Aoki sked, neither would be on between 04 & 07. Instead, TWR English is on 4775 until 0700 --- but Manzini sunrise was already at 0403 today, surely too late for them. So I refine the frequency (and maybe there is a second carrier almost the same), which points to S America. I found one report of TWR only 8 Hz low, while here's a typical comparison of Brasil and Per' by Carlos GonÁalves from June 2016y: ``PERU 4774.946 R. Tarma, Tarma, 2232-2240, 02/6, canÁaes Índias; 34433, QRM do Brasil [Congonhas] em 4774.914`` (Glenn Hauser, OK, DX LISTENING DIGEST) See also BRAZIL, and PERU

UNIDENTIFIED. 4810, April 2 at 0630, steady weak carrier here, vs utehash on plus side. Aoki thinx R. Logos, Per' runs 0900-2400 only; EiBi B-18 shows 1000-1300 & 2300-0226. WRTH 2019 is noncommittal as to hours. Could also be a ute (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 5110, (Location Unknown), Unidentified OTHR 0930. Over horizon radar pulses in steady stream (unusual) of a type otherwise commonly heard. Continued well after 1000 but cutout time unknown (due to my tuning out). Wide swath of band, from 5105 to 5115 (sometimes splattering to 5120+) - Mar 25 (Rick Barton, Arizona SW Logs, Satellit 205(T.5000), SW-2000629, ATS-909X, with various outdoor wires. 73 and

Good Listening....! -rb, WOR iog via DXLD)

UNIDENTIFIED. 5845-5850-5855, March 26 at 0552, DRM noise at S5, sounds about the same as 5940 RRI; WRMI is the only 5850 station anywhen in Jeff's HFCC, available at this hour but has not been using it. Possibly another special for the DRM GTG on Mallorca today, from Okee? I don't think WRMI has ever really run DRM (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDentified. Music station from 0830 on 6115 kHz, fair -- 73! (Ivo Ivanov, Bulgaria, 0854 April 1, DX LISTENING DIGEST)

UNIDENTIFIED. UNKNOWNIA: 11955, *1930:50-2000:02*, 3/22; On abruptly but only mumblage in the QRN; 1938 improved to ican-tell-itís-Englishî with droning (almost robo) religihuxter; 1944 better peaks, 0=2; 1957 fell off a bit; 1959 mentioned iLiving Waterî--possible program name? (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ---- All logged by my ears, on my receiver, in real time. ----, DX LISTENING DIGEST)

RE UNKNOWNIA {probably MBR Nauen Germany mis-frequency switch on March 22} {I checked for this following days and heard nothing - gh}

B-18 AWR Nauen Germany, 210degr azimuth.

7205 1930-2000 37,38W 320100 210 216 1234567 NAU 125 AWR Tachelhit

A-19 AWR Nauen Germany

11955 1930-2000 37,38W 320100 210 216 1234567 NAU 125 AWR Tachelhit (wb, wwdxc BC-DX TopNews March 28) (BC-DX 31 March via DXLD)

UNIDENTIFIED. 12031, March 27 at 1437, approx. peak of extremely distorted blob at S5-S6; ``modulation`` cadence of some talk but totally unreadable; compared to RHC and Martî frequencies, but NO match. 12050 is a JBA carrier, presumably WEWN Spanish which unseems source, but if so is putting most of its power out here.

12031 blob is still there at 2024 March 27 and now QRMing 12030 Spain when tuned to LSB. 12050 has two weak signals presumably WEWN and Ascension. So it's on long hours and propagating, but not heard later in afternoon, evening.

12031v blob is still2 there at 1452 March 28 before Spain is on weekdays. FM mode tuning makes it sound a bit more like speech, totally unreadable past 1500 and again not matching OCB or RHC.

12031 blob extends up to 12040, March 29 at 1418, QRMing TURKEY 12035.7. (12050 WEWN is VP but sounds OK) (Glenn Hauser, OK, WORLD OF RADIO 1975, DX LISTENING DIGEST)

12031, March 30 at 1606 check, the extremely distorted spurblob is finally gone, no QRM to SPAIN. I had been hearing it at various times every day March 26-27-28-29. We may never know what it was (Glenn Hauser, OK, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS

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Thanks to everyone who wished me well. I am feeling better now. Some medical issues still have to be dealt with in next few weeks, so will probably still be running behind my (self-imposed) ``schedule`` of DXLD and WOR produxion. And thanks also to everyone who keep us up to date with DX developments on the WOR iog. 73, (Glenn, April 1, WOR iog via DXLD) Each and every wish appreciated but will not quote all here

ACKNOWLEDGED ON WORLD OF RADIO 1976:

Thanks to Steve McGreevy, CA for a generous contribution via PayPal to woradio at yahoo.com

TO BE ACKNOWLEDGED FUTURELY:

Thanks to Chuck Ermatinger for two more contributions via PayPal

Thanks to Jeff Murri for another contribution via PayPal

Dear Mr Hauser, I listen to your broadcast 'World of Radio' via WRN on the Astra satellite 18 degrees East. I can receive it via WRMI too, but the signal is not every time good enough to make a recording. As English is not my mother tongue, I have to listen several times to the broadcast to get all of the informations. I really appreciate your work for shortwave listeners worldwide. I therefore send you [some Euro notes] to support your effort. Yours sincerely (Arnold Heiles, March 27, Heinerscheid, Luxembourg, in a letter with a Lux. stamp commemorating Miami University) Hmm, banknotes may have to remove UKOGBANI from their maps (gh)

Thanks to Ron Howard for a check in US funds on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702. along with a map showing Asilomar State Beach, part of Pacific Grove, on the Monterey Peninsula, his favorite DXing location; letter with a Liberty Ship stamp

PUBLICATIONS

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AOKI NDXC A19

<http://ndxc.starfree.jp/>  
<http://www1.s2.starcat.ne.jp/ndxc/>

The prepared links are now active:

<http://www1.s2.starcat.ne.jp/ndxc/pc/ad/userlist1.txt>  
<http://www1.s2.starcat.ne.jp/ndxc/pc/ad/nxa19.zip>  
(roger, WOR iog via DXLD)

## GRAL

A new Facebook page called iGRAL Gruppo Radiosacolto Liguriaî (A DX club of Italy which ceased to exist about 15 years ago) has recently appeared. It is about DXing and shortwave listening with most of written contents in Italian and photos from the golden era of International shortwave broadcasting, including pennants and QSL cards. Although it is focused on the past rather than on the latest developments on the shortwave bands it deserves a visit. If you wish to take a look at it, here is the web-address:

<https://www.facebook.com/graliguria/>  
(March DX Fanzine via DXLD)

## BROADCASTS IN ITALIAN

Aggiornata lista emittenti radiofoniche in lingua italiana -A19

Ciao a tutti gli amici del gruppo! Segnalo di avere aggiornato, la lista emittenti radiofoniche in lingua italiana per il periodo A19 al seguente URL:

[https://it.wikipedia.org/wiki/Emittenti\\_radiofoniche\\_internazionali\\_in\\_lingua\\_italiana](https://it.wikipedia.org/wiki/Emittenti_radiofoniche_internazionali_in_lingua_italiana)  
73 da (Nino Marabello, Treviso, Italia, RX SONY ICF-SW7600G, Ant.: VHF esterna orizzontale 230 gradi  
<https://acquamarina.blogspot.com>  
April 2 playdx yg via DXLD)

## LANGUAGE LESSONS

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[Re: OKLAHOMA, gh's log of WKY 930:] In the call letters of WKY, there are no letters that are not "foreign" letters. [sic]

The 2010 ruling of the Royal Academy of the Spanish Language establishes that modern Spanish has 27 letters in the alphabet, including:

"W" as in "XEW" the most historically significant station in Mexico.

Pronounced "doble-ooou" or "doble-ve" depending on the country, with both used in PR.

"Y" as in "XEYOY" the famous Radio Mil and in the word "oye" which is what we do when we listen. "Yey" in some places, "eey-gree-yega" in others.

"K" as in "XENK", calls of the 620 station in CDMX that go back 60 years or so. Or as in the now-correct spelling of "Kechua" the language of the Andes and the Incas.

None are hard to pronounce or cumbersome. Real Academia list:

<https://www.thoughtco.com/the-spanish-alphabet-3078115>

(David Eduardo Gleason, La Quinta CC, WTFDA Forum via DXLD)

You must have meant, ``there are no letters that *are* "foreign" letters.

I can hardly quibble with the RAE, but I was speaking traditionally, when K and W were, if not foreign, the ``least native`` letters. DEG may find exceptions, but in general you would not find them in real Castilian words --- now they have to accept them with so many foreign proper names, borrowed words and abominations like ``ke buena`` just to be cute or distinctive. As for Y, if it is pure Spanish, why call it Greek I? (BTW cursive Y in Greek is gamma -- should that be Greek upsilon?). Yes, it helps to make it ``ye``. No matter how you pronounce it in Spanish, or English, W is cumbersome from two to four syllables.

It is hardly necessary to point out that all these letters are used in Mexican and other callsigns. I would still like to hear WKY go all-in as ``doble-u ka i-griega``. 73, (Guillermo Glenn Hauser, *ibid.*)

The regulators of the Spanish language in Spain (which is not to say that they have total sway elsewhere) had a forced epiphany as computers started taking over data processing.

Called "sorters" in the Spanish of Spain ("ordenador"), computers did not sort so well on compound letters like Ch, Ll, and Rr. On the other hand, they found way too many "W" and "K" characters, many introduced by words adopted into the language or from names and last names that contained them. In Spain, common names like "IÒaki" had to be dealt with even if they were Basque or Catalan in origin.

So the insistence in alphabetizing, and, of course, sorting, based on those complex characters was gradually replaced by the use of a more standardized alphabet that included "k" and "w" as well as "ò".

But the use of "W" and "K" goes much farther back, with a good example being Juan Mackenna, one of the liberators of Chile back over 200

years!

And given names like Karl and Washington go back at least 100 years in many countries, furthering the total familiarity and ease with the usage of W and K (David Eduardo, April 7, *ibid.*)

When the Real Academia Española is involved, you know it's gonna get thorny.

Foreign letters have carried some cachet to them in certain contexts ó they are cool and hip. The use of English outside the English-speaking world is often associated with premium products and services.

But I also think it worth noting that there are also a lot of indigenous languages in the Spanish-speaking world that make extensive use of W and K, alongside other letters.

This leads to names of places (Tunk's, Yucat'n), people, organizations (Ojtakuarhu, A.C. ó\*XHCHIL-FM), station calls (XHBAK-FM, which was initially owned by Comunicacin Educativa y Cultural Bats'il K'op, A.C.) and names (Radio Educacin Seal Kukulc'n) and entire peoples (Wix·rika) that include these letters. And that's just Mexico.

(Some indigenous languages also include unusual diphthongs, accented variants of Latin letters like Ô, and even ' as letters in their written languages.) (Raymie Humbert, AZ, *ibid.*)

Of course, the indigenous languages often had no written form or, in many cases, had pictograms rather than letters. Spelling in the European language of the area was adapted to the sounds as opposed to any written representation in a European type of alphabet.

Over the years, spelling have changed... much as the reforms in the way Chinese is written in "our" Western alphabet. "Quechua" in Ecuador is now properly spelled "Kechua"... although the spoken language has not changed other than assimilating the usual assortment of technical and contemporary terms. One of my stations in Quito ran programming in Quechua and it was interesting how many terms from that language were part of everyday Ecuadorian Spanish.

The RAE, like any "maximum authority", tends to be resistant to rapid change, but in the last few decades it has been much faster in accepting usages as well as being less parochial about "Americanisms" from the nations of Latin America. They still are rather sticky about Anglicisms, whether British or from the US but that is more nationalism than protection of the language, I think (David Eduardo Gleason, La Quinta CA *ibid.*)

## WORLD OF HOROLOGY +++++

### Marconi Day 2019

International Marconi Day will take place this year on 27th of April when amateur radio stations will operate from various locations around the world with historical connections to Marconi.

<http://www.southgatearc.org/news/2019/april/2019-marconi-day.htm>

Amateur radios, point-to-point contacts, high-frequency wave transfers, a mysterious yet attractive prize for the most connected stations. All of this sounds like the beginning of a quirky yet adorable B-movie. In reality, it is the essence of International Marconi Day, a 24-hour amateur radio event which celebrates the career of Italian wireless communications pioneer Guglielmo Marconi. The event takes place annually on the Saturday closest to his birthday (April 25, 1874).

To commemorate the Nobel laureate's achievements, fans use HF radio to make direct point-to-point contact between stations, relying on the same technology Marconi developed and utilized in his time. Although nowadays the Internet is the medium of choice for global communications, the idea behind International Marconi Day is to keep the spirit of invention alive. The event also provides an exciting throwback to the days when a connected planet Earth was but a bold dream and only a few exceptional people, such as Marconi, saw the value in it.

<https://www.daysoftheyear.com/days/international-marconi-day/>

Marconi proved the feasibility of radio communication. He sent and received his first radio signal in Italy in 1895. By 1899 he flashed the first wireless signal across the English Channel and two years later received the letter "S", telegraphed from England to Newfoundland. This was the first successful transatlantic radiotelegraph message in 1902.

[https://public.wsu.edu/~bryan.mclaughlin/Radio/Who\\_Invented\\_Radio.html](https://public.wsu.edu/~bryan.mclaughlin/Radio/Who_Invented_Radio.html)

The debate about who invented radio remains interesting - this is from Wiki:

"The invention of radio communication, although generally attributed to Guglielmo Marconi in the 1890s, spanned many decades, from theoretical underpinnings, through proof of the phenomenon's existence, development of technical means, to its final use in

signalling.

The idea that the wires needed for electrical telegraphy could be eliminated, creating a wireless telegraph, had been around for a while before radio based communication. Inventors attempted to build systems based on electric conduction, electromagnetic induction, or on their own theoretical ideas. Several inventors/experimenters came across radio waves before they were proven to exist but it was written off as electromagnetic induction at the time.

The discovery of electromagnetic waves, including radio waves, by Heinrich Rudolf Hertz in the 1880s came about after over a half century theoretical development on the connection between electricity and magnetism starting in the early 1800s and culminated in a theory of electromagnetism developed by James Clerk Maxwell by 1873, which Hertz finally proved.

The development of radio waves into a communication medium did not follow immediately afterwards. After their discovery Hertz considered them of little practical value and other experimenters who explored the physical properties of the new phenomenon, such as Oliver Lodge and Jagadish Chandra Bose, while transmitting radio waves some distance, did not seem to see any value in developing a communication system based on them. In their experiments they did develop electronic components and methods to improve the transmission and detection of electromagnetic waves.

In the mid 1890s, building on techniques physicists were using to study electromagnetic waves, Guglielmo Marconi developed the first apparatus for long distance radio communication. On 23 December 1900, the Canadian inventor Reginald A. Fessenden became the first person to send audio (wireless telephony) by means of electromagnetic waves, successfully transmitting over a distance of about 1.6 kilometers, and six years later on Christmas Eve 1906 he became the first person to make a public radio broadcast.

By 1910 these various wireless systems had come to be referred to by the common name "radio".

[https://en.wikipedia.org/wiki/Invention\\_of\\_radio](https://en.wikipedia.org/wiki/Invention_of_radio)

I should add that Nikola Tesla gave a public demonstration of the wireless transmission of energy on March 1, 1893. He had created an induction coil to transmit and receive radio signals. Years later while he was preparing to transmit signals at a distance, so was another inventor: Guglielmo Marconi. Tesla died in 1943 and six months after his death the US Supreme Court ruled that all of Marconi's radio patents were invalid and awarded the patents for radio to Tesla.

(via Mike Terry, April 1, WOR iog via DXLD) so much for Popov (gh)

#### CONVENTIONS & CONFERENCES

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Dear friends, one more correction to this list. India Hamfest is scheduled to November 8-10 (not October as mentioned earlier).  
best 73's (Risto V%h%kainu, Finland, HCDX via DXLD)

#### MUSEA

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New OLD HAUSER QSL FOR SALE:

[https://www.ebay.com/itm/QSL-Radio-Nederland-Hilversum-1970-Bonaire-Antilles-Hauser-van-Delft-Cushen-DX-/223466732969?&\\_trksid=p2056016.m2516.l5255](https://www.ebay.com/itm/QSL-Radio-Nederland-Hilversum-1970-Bonaire-Antilles-Hauser-van-Delft-Cushen-DX-/223466732969?&_trksid=p2056016.m2516.l5255)  
(Artie Bigley, DXLD) The one with YT surrounded by a galaxy of other DX Juke Box stars, hi (gh)

VOA museum hosting Golden Age of radio sound effects event  
West Chester museum improving historic building to boost hours  
Local News By Denise G. Callahan, Staff Writer

<https://www.journal-news.com/news/west-chester-museum-improving-historic-building-boost-hours/MbvGvXI5RoMAhwaoMNFaPI/>

WEST CHESTER [OHIO] -- The Voice of America Museum board has been sprucing up the historic building and beefing up staff so the museum can be open for business every weekend year-round and offer more to patrons.

VOA Board Vice President Chris Wunnenberg said recently the main exhibit hall has been remodeled, with new paint, carpet and tile laid and air conditioning installed. Officials are working on wi-fi capability for the entire VOA park and more.

He said the museum used to only be open one weekend per month, but last year upped their hours to every weekend. He said they have begun a partnership with Miami University professors "to improve the museum exhibits and displays."

"We think if you come down on a regular basis you'll actually see exhibits changing and the area improving," Wunnenberg said.

RELATED: West Chester museum renovation to honor VOA's worldwide influence

The VOA-Bethany station transmitted VOA news to Europe during World War II and South America during the Cold War. The Bethany station was decommissioned by the federal government in 1994, after shortwave radio technology was supplanted [sic] by television and satellite technology.

Situated along Tylersville Road, the art deco-style museum and its technology served as the main conduit for the United States to present news, entertainment and educational programming from actual press agencies to people worldwide seeking facts instead of state-fed propaganda.

A unique event that centers on the Golden Age of radio is part of the museum's coming programming. Cincinnati radio historian, WMKV producer and sound effects artist Mike Martini, who is also president of the National Voice of America's Museum of Broadcasting's Media Heritage Collection, will present "Theater of the Mind: Sound Effects During Radio's Golden Age" on Tuesday, April 9 from 7 to 8:30 p.m. [EDT = 2300-2430 UT]

Martini told the Journal-News he will "do a mini-radio show re-creation" with some audience participation.

"I'll talk about the history of sound effects in radio, why it was important, who were some of the big players," Martini said. "Then I will demonstrate some of the more common effects and some of the more unusual effects. I probably have 30 or 40 effects I'll bring out."

He said some of the effects used the past were real, like a door slamming, but radio show producers created things like an elevator door closing using metal roller skates.

The event is free -- donations are encouraged -- but seating is limited. The VOA museum is open Saturday and Sunday from 1 to 4 p.m. [17-20 UT] at 8070 Tylersville Road. General admission is \$5 for adults and \$1 for children (via Mike Cooper, DXLD)

DIGITAL BROADCASTING --- DAB See NORWAY  
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DIGITAL BROADCASTING --- DRM See also ARMENIA; AUSTRALIA; CHINA; EAST  
+++++ TURKISTAN; INDIA; KUWAIT; ROMANIA; USA:  
WINB/NIGERIA; UZBEKISTAN; UNID 5845-

GERMANY. Reception of The Mighty KBC via MBR Nauen, March 26  
1000-1100 on 13670 NAU 100 kW / 210 deg to CeEu English DRM mode:  
The broadcast is directed to DRM General Assembly Meeting in Spain  
<https://swldxbulgaria.blogspot.com/2019/03/reception-of-mighty-kbc-in-drm-mode->

via.html

(Ivo Ivanov, SWLDBulgaria News March 26, DX LISTENING DIGEST)

NIGERIA. Reception of Voice of Nigeria in DRM mode, March 26

1600-1615 on 15119.9 AJA 250 kW / 007 deg to NoAf Arabic DRM

1615-1630 on 15119.9 AJA 250 kW / 007 deg to NoAf Igbo DRM

1630-1900 on 15119.9 AJA 250 kW / 007 deg to NoAf English DRM

<https://swldxbulgaria.blogspot.com/2019/03/reception-of-voice-of-nigeria-in-drm.html>

(Ivo Ivanov, SWLDBulgaria News March 26, WORLD OF RADIO 1976, DX LISTENING DIGEST)

This will collide with WINB DRM 15115-15120-15125, scheduled A-19 1100-1700 UT M-F (gh, ibid.)

UK. Reception of BBC World Service via ENC-DMS Woofferton, March 26

1200-1300 11780 WOF 100 kW / 158 deg CeEu English DRM, not WINB Radio

1500-1600 11790 WOF 100 kW / 158 deg CeEu English DRM, not WINB Radio

The broadcasts are directed to DRM General Assembly Meeting in Spain

Transmission via RED Telecom Tashkent on March 26 is not on air:

1430-1530 on 15640 TAC 100 kW / 301 deg to CeEu English DRM mode

<https://swldxbulgaria.blogspot.com/2019/03/reception-of-bbc-world-service-via-enc.html>

(Ivo Ivanov, SWLDBulgaria News March 26, DX LISTENING DIGEST)

Digital Radio Mondiale (on Linux)

Finally got DRM working with DReaM software on Linux (using KiwiSDR receiver near Norfolk England). Very healthy test signal from Woofferton but unfortunately didn't work out decoding in time. UT:

2045, 7550, General Overseas Service from All India Radio Bangalore in English. News & Music

2130, 6030, Radio Romania International in English. News

0140, 3965, Radio France International in French

0736, 3965, Radio France International in French

0757, 11970 (11969.8) Radio Kuwait in English

0807, 11695 China National Radio in Chinese (KiwiSDR in China)

The hard bit was getting DReaM built on Linux. A fairly healthy signal appears to be required - and loss of lock means complete loss of audio accompanied by period of resync. Next to get working with Softrock HF SDR (Martyn Jago, UK, March 28, WOR iog via DXLD)

DIGITAL BROADCASTING --- DTV See also MEXICO

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ATSC 3.0, OTA DTV vs CABLE, WEB

If only 10% watch OTA, that suggests that we may be reaching the point where the television broadcast facilities mainly exist to feed the cable TV headends. I believe there is still a demand for local TV for news, sports, weather, etc. Hopefully cord cutters, using only streaming, will discover antennas and see how much OTA is available and how the picture quality likely exceeds what they had become used to when they were on cable (Fred McCormack, WTFDA gg via DXLD)

Letter to CNET Electronics Editor and his reply

I recently sent an email to Geoffrey Morrison, a contributing electronics editor to the CNET Forums. My email pertained to him writing a recent article about ATSC 3.0 and what the OTA public should take away from the recent developments with ATSC 3.0. He mentioned in his article, by far the majority of people that would be reading that particular article wouldn't really be interested in any aspect of ATSC 3.0 or OTA television. He said he realized that nearly 90% of the US population doesn't even care about OTA television anymore.

SO - my email was questioning him about his credentials, research and his knowledge on the subject for making that type of statement. I mentioned that there are numerous stories in the news about how cord-cutting is growing. I also mentioned my background as an OTA TV viewer, but didn't really say anything about being a DTV DXer.

This was his reply to me, in an email today,

"Cablecutting is growing, but towards streaming, not antennas. As it stands over the air is still only 10% or so of the viewing public, and regardless of 3.0 that is unlikely to increase. Most people have no interest in OTA TV, despite it being free. I say this as someone who has had OTA HD reception since 2001 and hasn't had cable at all in 4 years."

Man, I must really be living in a tiny part of the world as a DTV DXer. Has 90% of the US population really given up on OTA television??? IF THAT IS TRUE, you would think ALL TV broadcast organizations would know that as a fact. Why would broadcasters even bother to continue to have OTA facilities, especially with what it costs to operate a TV station? I was recently talking to the owner of a local low power DTV station and he said it costs him \$1100 per month to lease antenna space on an American Towers structure, plus around \$200 per month for electricity. He said he doesn't make anything from

ad dollars. Puzzling (Jim Thomas, March 31, *ibid.*)

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Geoffrey Morrison's CNET bio page...

<https://www.cnet.com/profiles/geoffmorrison/>

If they hadn't prior to digital, they may have then. The conversion made it impossible for a lot of viewers to maintain the service they had with analog because of the differences in transmission coupled with lower powers. I have no data but I know a number of people who finally had to go to cable or even an internet service because they could not longer reliably get the channels they had with analog (Russ Edmunds, WB2BJH, Blue Bell, PA, Grid FN20id, *ibid.*)

On cordcutting forums you find plenty of people now using antennas with OTT streaming services, many not knowing this was even possible. On the other hand, you are finding those who can't get OTA TV in rural areas or in apartments subscribing to OTT services that offer the 4 major networks. There are a couple of them. Antennas Direct seems to be doing pretty good, so antennas are selling. Check eBay (Mike Bugaj, CT, *ibid.*)

My wife and I subscribe to Dish even though \$120 is a big chunk out of our monthly social security payments. We live about 55 miles south of Houston in the "Columbia Bottomlands" -- ancient riparian forests bordering rivers and bayous. Receiving an OTA signal would just about impossible unless we built a tower (Neal McLain, Brazoria, Texas, *ibid.*)

Re: Letter to CNET Electronics Editor and his reply

And it just occurred to me --- I am quite sure this depends a LOT on where you are. In the major cities and in 'unusual' rural areas where OTA signals don't penetrate, satellite and cable dominate I'm sure.

The 'local' PBS station in Bay City (Michigan) held several 'public forum' style meetings when the FCC spectrum 'buyback' (How do you buy back something you and the person you're paying never owned in the first place, but I digress) was first announced. They planned 5-6 in different locations around the viewing area, and canceled the last couple because the OVERWHELMING sentiment at the first 2-3 meetings was 'don't you dare turn off the OTA transmitter -- we'll lose PBS if you do that and we value the broadcasts.

This wasn't 10% of the audience. It was several thousand people who bothered to show up to a public meeting -- which in this day and age speaks volumes! The response was so overwhelming that they said 'we're canceling the rest of the meetings -- we know selling our broadcast rights would be the wrong thing to do, and we thank you for

communicating with us' in essence.

That said, I KNOW cable/pay satellite is the 'default' in most people's mind. I had a rather bizarre conversation with a neighbor as I performed some maintenance on my large dish antenna used for FTA satellite last year who asked 'what are you going to do with that' and who was genuinely surprised when I said 'we still use it. I'm just doing some regular cleaning/maintenance. He was shocked that you didn't need to pay a monthly subscription fee to receive satellite TV. I think he thinks I'm breaking some law or am some kind of 'hacker'! ;)

I then invited him to watch the baseball game on Fox and he said 'but the nearest Fox station is in Flint -- we can't get that here. He didn't believe what I was getting was from Puerto Rico not Flint, until the Spanish language ads started up, and the station ID said "Puerto Rico". I think he now thinks I'm a wizard or something, but I still see the 'dish' antenna on his house!

Jim -- (and anyone else interested), I won't begin to suggest I could 'climb inside the head of' many broadcasters, especially those who are downright HOSTILE towards DXers (every OTHER industry that has 'super fans' bends over backwards to provide 'backstage passes/infield seats/special deals, but apparently broadcasters know better -- but I digress!), but even those who discount the impact of over the air technology may continue it only (or primarily) because of the 'must carry' rules governing cable. If that goes away or enough people 'cut the cord' the math may change, but for now, if a station wants a spot on the cable, it needs to have a broadcast presence, or offer something else to the cable carrier.

Thinking on this, that would also explain why power reductions have been so popular. The 'claim' was that lower power digital provided the same signal contours as analog (it DOESN'T!) but lower power means lower electricity bills, so if the goal is to stay on cable and you don't care about OTA, it makes good sense!

That said, isn't it interesting when you ask for 'numbers to back up the claim' you don't get a response? I find that particularly telling! So what ARE the numbers? I know cable far outnumbers OTA Antenna users but I have NO idea what the actual data is -- it never seems to be publicized. OTOH, the recent slew of articles that discuss cord cutting most certainly DO imply that to keep local news/sports/major networks, those cutting the cord overwhelmingly flip to an antenna. They may ALSO use a streaming service like Netflix, but they move to OTA too.

I wonder if there are numbers out there? Did you ever find a source?

(Ken Zichi, MI, April 3, WTFDA gg via DXLD)

I know a lot of people who have both OTA and internet for TV.  
(Rick Shaftan, OBX, Atlantic Media & Research, ibid.)

Why the repacking of digital television won't work

<http://www.kmrichards.com/dtvrepackfallacy.html>

The fallacy of the FCC to repack digital television in the channels  
between 7 and 30

Much attention has been given in the trade publications about the FCC's plan to "repack" broadcast television into a smaller range of channels. I live in Los Angeles, the #2 television market, and my own evaluation of the existing channel use and allocation lead me to believe that the plan will not work here ... or in most of the top-50 markets, for that matter.

The reason is two-fold: Most, if not all, of the television broadcasters transmit multiple program streams, commonly called "subchannels" and combined with the relatively few channels available for digital television broadcasting this results in a forced scarcity.

Here's my thought process.

In Los Angeles, four of the seven low-VHF channels suitable for full-power digital broadcasting are in use:

7 KABC-TV  
9 KCAL-TV  
11 KTTV  
13 KCOP-TV

The remaining three, channels 8, 10 and 12 are in use in the San Diego market and cannot be used in Los Angeles due to minimum co-channel mileage requirements between transmitting sites.

Channels 14 through 20 are assigned to land mobile (two-way) use and that band was cleared back in the 1980s from most broadcast television use. Only one station, licensed before the clearing, remains in that band: 18 KSCI.

The remaining channels (14-17, 19 and 20) cannot be used to reposition broadcast television unless all of the hundreds of land mobile licenses using frequencies within those channels are moved ... and to where?

Between channels 21 and 30, there are four licensed broadcast television stations:

- 24 KBEH
- 26 KVCR-DT
- 28 KCET
- 29 KFTR-DT

Of the remaining six channels (21, 22, 23, 25, 27 and 30) all but channel 21 -- which is not used because of interference from land mobile licenses on frequencies within the channel 20 space -- are in use (or authorized for use) by seventeen LPTV stations, which would all be forced off the air to accommodate full-power channel moves. Three of the LPTVs are "Class A" licenses which are entitled to protection from encroachment.

Above channel 31, there are 15 full-power television stations:

- 31 KTLA
- 32 KDOC-TV
- 33 KTBN-TV
- 34 KMEX-DT
- 35 KRCA
- 36 KNBC
- 38 KPXN-TV
- 39 KVEA
- 41 KLCS
- 42 KWHY-TV
- 43 KCBS-TV
- 47 KAZA-TV
- 48 KOCE-TV
- 49 KJLA
- 51 KXLA

The remaining five channels (40, 44, 45, 46 and 50 ... excluding channel 37, of course) are shared by sixteen LPTVs, three of which are Class A licenses.

Every television engineer I have asked says that carrying a second HD (high definition) stream precludes carrying additional SD (standard definition) streams. Presuming that the stations transmitting on channels 7, 9, 11, 13, 18, 24, 26, 28 and 29 dropped their additional subchannels and carried two HD streams each (their own and another station's) ... and that the LPTVs on channels 22, 23, 25, 27 and 30 were moved (to where?) and those channels repurposed for two HD streams each, 24 stations would be sharing 14 channels. That is barely enough to accommodate all of them. (And it doesn't even address what

to do with the Class A LPTVs, much less the rest of them.)

Even that presumption is not likely to occur unless the "financial incentives" to drop the additional subchannels was far greater than the revenue the stations derive from running them.

There will not be enough channels to support the FCC repacking plan in major markets without (1) cancelling the additional program choices for viewers that multiple subchannels provide; (2) forcing most (if not all) LPTV stations off the air, further reducing the available choices for viewers; and (3) virtually preventing any new television broadcast stations from being able to go on the air.

Granted, this scenario describes the problems in the Los Angeles market -- which I know well -- as the example. But the same problem will occur in the San Francisco market ... and New York, Chicago, Philadelphia, and every other major television market in the U.S.

The only place the FCC plan works is in areas with few television stations, which by definition are small- to medium-markets. Those are the areas in which the wireless companies are not in demand of spectrum, because there is already adequate space to accommodate the lower number of customers in those markets.

The places where the wireless companies want (need?) spectrum are the very places where the repacking plan cannot work. And both the FCC and the NAB are apparently oblivious to this (via A. Burnette, April 4, DXLD) To be continued, with rebuttals

#### RADIO EQUIPMENT FORUM

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Incompetence = Opportunity

I think many DXers have noticed increasingly sloppy operation by AM broadcasters over the past few years. This can take numerous forms:

(1) Station is silent when it should be on. This can range from a few minutes to a few weeks. Recent outages of 680 (WRKO), 1240 (WBAS), and 1330 (WRCA) in this area bear this out.

(2) Dead air / blank carrier for extended time compared to what would be considered normal. This can allow weaker station audio to sneak through in the background.

(3) Station on the air when it should be off, wrong power / pattern, etc. Sometimes this is intentional (a.k.a. "Special High School Football Authority") and some times it's just human operator

ineptitude or a computer automation snafu.

(4) Two or more audio feeds at the same time. Automation glitches that cause the same segment of audio to be repeated again and again. This one from 1560 WFME NYC is a doozie:

<https://app.box.com/s/l0qkdzoto9zg3gt9akp3bxfv3ycts9bm>

In the nation's largest city, on a 50 kW clear, this rubbish went on for hours (.. maybe days).

(5) Gross overmodulation or undermodulation or distortion.

(6) Frequency well off nominal.

Conditions that in the '60s / '70s were mostly associated with Latin America have now come to the USA and Canada.

With radio press articles such as "AM is dead" etc. and AM stations using their peanut power FM translator frequencies in their branding slogans, is it any wonder that broadcasters are sinking to new lows in quality control?

The flip side of this AM malaise is that every day can present new opportunities for DXers as the landscape dynamically shifts around by stations being off when they're supposed to on, on when usually off, wrong power / pattern, other assorted technical gaffes, whack-a-doodle programming, etc. Many of these faults are very short term and you have to be listening at the right time to milk out the potential DX bonanza.

So as the message subject suggests, broadcaster incompetence can translate to DXing opportunity, seemingly on an increasingly regular basis as poorly managed stations teeter-totter towards the brink of oblivion.

Much of the same applies to shortwave as well (Mark Connelly, WA1ION, South Yarmouth, MA, nrc-am gg via DXLD)

I personally take offense to the use of the word incompetence. That comes from Dx'ers who think they know what they're talking about when it comes to radio and have no idea what may actually be going on.

Even as a broadcaster, I've made guesses as to what's going on when I hear a station with a problem and have been wrong.

Sometimes things are completely out of the station's control for any number of reasons. Should someone be listening and catch problems sooner than a few hours? Absolutely. We had a station here broadcast

dead air for a few days because their STL failed and we were in the midst of a big blizzard and they had no access to the tower site.

I work for a station that has a back up automation computer, more than one way to get a live feed from an outside location back to the studio and things still happen (Paul Walker, Laramie WY, *ibid.*)

I am noticing far more outages and errant operation over the last 5 years than in the previous 55. This even shows in big cities, 50 kW's, network flagships, etc. I think that poorer cash flow, reduced staffing, more reliance on "robots", etc. has to account for most of it. Maybe I should be more forgiving, using some other term for operators not running a tight ship.

While such deviations from the norm can produce interesting DX, I'm sure that the actual listener base is far less amused. In most cases it's hit the button and go listen somewhere else, maybe not even on a radio (Mark Connelly, *ibid.*)

Don't take offense; in a number of cases it's absolutely true.

As a broadcast engineer (Radio) since 1983, an SBE Member and CSRE, incompetence accurately describes a number of the operational situations Mark pointed out. "Lifting the hood" of the average broadcast station to see the general condition of and attention to, the maintenance and quality of engineering can be a real eye opener.

How many AM directional patterns are within the terms of the license? Maybe --- 2 out of 5? Do they even know at what times the station must set the night time power and pattern change? Some on air folks think "Critical Hours" = evening drive. How about something even simpler like tower lighting? Are they all working and if not, has a NOTAM been called in to the FAA? Tower lights are pretty simple, go out one night and look at the towers, the lights are either all operational or not.

I once contracted to an AM station in NC. Upon arriving at the transmitter site (they had a Harris MW-5) there was a man sitting on a stool in front of the transmitter with one of the two front doors open. When asked what his job was, the answer was, "welp, every now and again the transmitter will pop a breaker and knock off. I sit here and cut the breaker back on. Can't nobody figger out what's caus'in it."

Turns out the arc-gap for the HV feeding the modulator tube was set too narrow. Many, if not all of the Harris MW series transmitters used PWM modulation which not all understood. 10 minutes with the manual, a small ruler and an Allen-wrench set that problem to rights.

Work in radio long enough, you meet some very different personalities (to put it kindly) and hear recounts which in a word, are unbelievable. Like the fellow who did overnights often enjoyed "female guests" during his shift that is, until 2 of them showed up at the same time for a visit and started a fight in the studio (Chuck Rippel, *ibid.*)

WRKO's silent period was scheduled maintenance that had been announced in advance. My understanding is that it had to do with some repairs to the phasor. There's no way, short of a separate auxiliary site that only a handful of AMs possess, to avoid going off the air for that sort of work. I'm not sure how that could conceivably be classed as "incompetence." (Scott Fybush, ABDX yg via DXLD)

If not incompetence, often it's apathy.

I now live in a small town, and I play a little game with myself: on Sunday morning, which station will have dead air for hours? Almost all of the local stations have taken a turn or some for only an hour or two, others for five or six hours after my discovery (probably longer, but I find them at 5 or 6 AM.)

I believe most of these situations are unattended, unchecked automation systems. And it happens on at least one station every week or two.

I'm retired now, but in my radio days, I checked the station audio often, and if I didn't have the authority to resolve the situation, I'd check into it or call someone who did.

There are certainly technical failures or accidental misprogramming that can lead to problems, and it's hard to fault station staff for situations that are out of their control.

We're entering the thunderstorm season here, and I suspect that weather will take some stations down, whether by power failures or lightning damage. (I've only been here since September, so don't know how common such things are here.)

Engineers might have to travel some distance, which may lengthen outages. I don't think DXers would knowingly criticize station personnel for dead air under those circumstances.

But all too often, it seems that automation systems are programmed by less knowledgeable people, and that results in degradation of quality. If I had the power, I'd make a rule. Dead air for longer than maybe a minute or so, and a silence sensor would dump carrier.

We did have a CSN translator, which, for some reason, wasn't picking up its main signal, and did go off because of the silence. Great! As it should be! But the carrier came on whenever a car came close enough to the receiver to fool it. Still, they had the right idea during this ten-day outage.

Anyway, like I said, if not incompetence, often apathy. Often the difference between just doing a job and doing a job well.

However, in the radio industry these days, people are stretched way too thin, wearing many hats, and it may be difficult to keep track of everything. But the results are there for listeners to observe.

It is a different era. Unattended operations leave more room for errors. And Mark is right: at times they can present opportunities.  
-- (Rick Lewis, ABDX yg via DXLD)

Excellent commentary. Supposedly FM translators were to save AM but all that is done is speed its demise. I suspect no one heard that WFME-1560 glitch. I cannot imagine who listens to that station (Rick Shaftan, OBX NC, Atlantic Media & Research, 252-987-0210 [@shaftan](http://www.youtube.com/mountaintopmedia) [ibid.](#))

Mark Connelly wrote: ``Conditions that in the '60s / '70s were mostly associated with Latin America have now come to the USA and Canada.``

The problems persist in South America. I just took a clockwise cruise all the way around South America and between Cape Horn and northern Peru, at least 25% of the frequencies had hets from unstable operations (Pete Taylor, Tacoma, WA, [ibid.](#))

DX chats / e-lists / bulletin boards discussed the WFME [1560] snafu a fair amount. That may have been the sum total of listenership to a 50 kW NYC station that often makes it to Europe. My dad was a regular listener to it at night on his bedside radio circa 1960 when it was classical music WQXR (as my brother and I in our rooms listened to Murray-the-K on 1010 WINS).

We lived just outside Boston, MA, 200 miles from those stations. At the time many in metro-Boston would sample NYC, Albany, Buffalo etc. radio at night. It wasn't a geeky DXer thing, just something many working people and students had in their routine. I suppose listening to online content is the current version of that (Mark Connelly, WA1ION, South Yarmouth, MA, ABDX yg via DXLD)

I remember when it went off the air on Monday morning and KKAA Aberdeen SD made it into my shack in my NYC apartment. That was 1974. (Rick Shaftan., Rodanthe NC OBX FM25go, [ibid.](#))

I guess the WRKO circumstance is an exception. Maybe because the "Monday morning silent period" that many stations used to use for these activities doesn't have much currency anymore.

WRKO seemed weaker here at an 9 p.m. EDT / 27 MAR check. WAPA [Puerto Rico] was crawling all over it. When I listened in LSB or USB there was a motorboating on the carrier (not that noticeable on AM).

I'm not sure whatever they did was 100% successful. 680 signal about 5 dB better than 590 WEZE. Usually it's closer to 10 dB better.

I have been reading that as station engineers retire, there will be few with sufficient training to replace them. I'm thinking that will just lead to more frequent breakdowns on both AM and FM. DXing opportunities .. maybe. Listener annoyances .. probably (Mark Connelly, WA1ION, South Yarmouth, MA, *ibid.*)

R-390A update

Guyz, I'm happy to report that the refurbished EAC R-390A I received a couple of weeks ago performs amazingly well. It's far more sensitive and selective than the Hallicrafters SX-28A, but that's not surprising since the design is much more advanced than the pre-war SX-28A and the R-390A is physically 22 years newer.

The sound from the R-390A is excellent as I'm tapping the audio at the diode load terminals ahead of the single stage output and feeding my amplified speakers. Audio from the SX-28 doesn't need to be amplified as it sounds just great from the 6V6 push pull output into a matching Hallicrafters R-42 base reflex speaker which has switchable communications and high fidelity settings.

I'm listening to 540 KWMT in Ft. Dodge, IA at 4:30PM Sunday afternoon off the back of the NE Beverage, When I switch to the S or SW Beverage, in comes WXYG, "The Goat" in Sauk Rapids. Both stations have good fidelity with the bandwidth in the 8 kc position using the mechanical filters of the R-390A. WXYG is loud as usual. I listen to The Goat and WDGY in CQAM AM stereo on my Carver TX-11A tuner connected to a Sony home stereo system with Infinity towers a center channel speaker and a sub woofer.

This is the first time I've ever heard KWMT under WXYG. This is probably why:

"KWMT operates with a two-tower directional antenna system with much of its power headed south of Fort Dodge and very little headed north. Due to its coverage on 540, it limits its coverage to the north to

protect a station in Canada <[https://en.wikipedia.org/wiki/CBK\\_\(AM\)>](https://en.wikipedia.org/wiki/CBK_(AM)>). During the daylight hours, KWMT has regular listeners as far as Oklahoma, western Nebraska, eastern Illinois and all of Iowa"

Part of this has to do with the directionality of the Beverage antennas, but it also has to do with the amazing sensitivity of a properly aligned R-390A. Best regards, (Paul W0AD Staupe, Eden Prairie MN, April 1, MDXC yg via DXLD)

TV, radio disruption from planned wind farm: Neoen

Greg Mayfield

Developer outlines plan to fix disruption to broadcasts caused by wind farm.2019-04-01T15:07:00+10:30 -->

The Recorder Local News [AUSTRALIA, applicable to Oklahoma??]

<https://www.portpirierecorder.com.au/story/5985791/tv-radio-disruption-from-planned-wind-farm-neoen/>

Radio and television broadcasts could be disrupted by a proposed batch of 240-metre-high wind towers at Crystal Brook. Developer Neoen Australia told a planning panel in Port Pirie on Monday that a Broadcast Australia report had suggested 4000 people could be affected by disruption to ABC radio's 639 North and West. A company representative, responding to former Port Pirie man and panel member David O'Loughlin, told the State Commission Assessment Panel that the disruption would vary. "There is a bit of give and take ... there are very few properties there," he said. He said on a good day, at the fringe of the reception area and depending on the radio equipment, there might be a signal. "You would expect some level of flicker ... the turbines are all rotating at different speeds and angles," he said.

He said some of the affected area could be near Roxby Downs. Earlier, the company's head of development, Garth Heron, described the potential radio disruption as "very minor". He said a small number of houses could have problems with television signals. "Modelling indicates that six individual houses in the vicinity of the project may suffer from television reception issues as a result of the wind farm, depending on their equipment," he said. "For anyone who suffers degradation of television reception, we will provide an alternative means, for example digital television upgrade, and or additional equipment, for example a new antenna, to rectify the issue at the company's cost.

"There may be some very minor ABC radio impacts from the project at the edge of the existing signal range that can be more than offset by a 1dB increase in power upgrade to the Broadcast Australia tower." Mr Heron said the project would comply with World Health Organisation

noise guidelines. He said the turbines would be 240 metres high, but that latest technology had developed some that were 270 metres high for other sites.

"They are getting bigger and bigger," he said. He said bigger turbines were more efficient and produced cheaper power. About 30 people sat in the gallery while wearing black T-shirts emblazoned with the words, Reject Non-Compliant Wind Farm. Also watching was SA-BEST parliamentarian Connie Bonaros who said before the hearing that approval might be given based on outdated laws.

"The Planning Minister could change this today by the stroke of a pen," she said. She said the turbine rotors would have an 80-metre span and could "dry out farmland" "We are proposing a wind farm at the gateway to our iconic Flinders Ranges," she said. The combined wind, solar and storage project for up to 400MW energy would create more than 200 jobs.

[https://nningt-a.akamaihd.net/transform/v1/crop/frm/PT5WvZtvmBPsgG5FrHxVQb/14e5996b-d328-450d-9096-b00b5c3c7855.jpg/r635\\_644\\_4249\\_2686\\_w1200\\_h678\\_fmax.jpg](https://nningt-a.akamaihd.net/transform/v1/crop/frm/PT5WvZtvmBPsgG5FrHxVQb/14e5996b-d328-450d-9096-b00b5c3c7855.jpg/r635_644_4249_2686_w1200_h678_fmax.jpg)  
April 1 2019 - 3:07PM (via Mike Cooper, DXLD)

#### FREQUENCY ACCURACY

Please note, that some Off-frequency stations drift in frequency from hour to hour. Best 73, (Anker Petersen, Denmark, April 3, with what I heard recently in Skovlunde on the AOR AR7030PLUS with 28 metres of longwire, wbradio yg via DXLD)

His only generic response to my logs about several of his precise frequencies which appeared to be inaccurate. That is true; however, the several instances I pointed out were consistently 0.01 to 0.02 kHz higher than I had heard the same stations several times with no such variation, e.g. CUBA 4765.00, MALI 5995.000. I again suggest that Anker merely compare his readouts to WWV or some other certain frequencies and recalibrate if necessary; or as I do with the R-75, construct a correction factor table --- on that receiver, the higher the frequency, the greater the correction; while the NRD-545 needs a constant minor correction (Glenn Hauser, DX LISTENING DIGEST)

#### PROPAGATION +++++

WORLD OF RADIO 1976 quoted the propagation outlook from Boulder as in DXLD 19-13, which at the time was the most recent (gh)

#### TIPS FOR RATIONAL LIVING

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## VOLUNTARY HUMAN EXTINXION?

British Columbia --- Not having children a way to cut a person's carbon footprint, some environmental groups say

Voluntary Human Extinction Movement, Population Matters say having fewer kids key to sustaining our existence --- Hina Alam Σ The Canadian Press Σ Posted: Apr 09, 2019 12:45 PM PT | Last Updated: April 10  
<https://www.cbc.ca/news/canada/british-columbia/groups-believe-not-having-children-is-way-to-cut-a-person-s-carbon-footprint-1.5090786>  
(via Gerald T Pollard, NC, DXLD) ###